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ABSTRACT

The Anchor Test Study provides a method for translating a pupil's score on any one of eight widely used standardized reading tests for Grades 4, 5, and 6 to a corresponding score of any of the other seven tests, as well as furnishing new nationally representative norms for each of the eight tests. In addition, the Study presents new estimates of alternate form reliability for each test, provides estimates of the intercorrelations among the tests, and explores empirically some methodological questions in test-equating. Included in this volume are equating tables, tables of estimates of equating error, and correlation tables for Grade 5 in vocabulary, reading comprehension, and total reading. Linear and equipercentile equating methods are used. Data are reported for the following seven tests: California Achievement Tests (1970), Comprehensive Tests of Basic Skills (1968), Iowa Test of Basic Skills (1971), Metropolitan Achievement Tests (1970), Sequential Tests of Educational Progress (1969), SRA Achievement Series (1971), and Stanford Achievement Tests (1964). Equating and norming data on the eighth test in the Study, the Gates MacGinitie (1964), are included in volumes 31, 32, and 33 of the Anchor Test Study. (RC)

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anchor test study

FINAL REPORT

VOLUME III

EQUATING TABLES, ERROR OF EQUATING, AND CORRELATIONS

Grade 5

December 1972

EDUCATIONAL TESTING SERVICE
PRINCETON, NEW JERSEY

BERKELEY, CALIFORNIA

TM 003 787

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ORGANIZATION OF VOLUME III

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Average of Procedures 1 and 2: Equipercentile Method

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Procedure 1: Equipercentile Method
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Average of Procedures 1 and 2: Linear Method
Average of Procedures 1 and 2: Equipercentile Method

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Procedure 2: Equipercentile Method
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TABLE 169. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 1, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	41	40	46	30	44	35
39	40	39	45	29	43	34
38	39	38	44	28	42	33
37	38	37	42	28	41	32
36	37	36	41	27	40	31
35	36	35	40	26	38	30
34	35	34	39	26	37	29
33	34	32	38	25	36	28
32	33	31	36	24	35	27
31	32	30	35	24	34	26
30	31	29	34	23	32	24
29	30	28	33	22	31	23
28	29	27	32	22	30	22
27	29	26	30	21	29	21
26	28	24	29	20	28	20
25	27	23	28	20	26	19
24	26	22	27	19	25	18
23	25	21	26	18	24	17
22	24	20	24	18	23	16
21	23	19	23	17	22	15
20	22	18	22	17	21	14
19	21	16	21	16	19	13
18	20	15	20	15	18	12
17	19	14	18	15	17	11
16	18	13	17	14	16	10
15	17	12	16	13	15	9
14	16	11	15	13	13	8
13	15	10	14	12	12	7
12	14	9	12	11	11	6
11	14	7	11	11	10	5
10	13	6	10	10	9	3
9	12	5	9	9	7	2
8	11	4	8	9	6	1
7	10	3	6	8	5	0
6	9	2	5	7	4	-1
5	8	1	4	7	3	-2
4	7	-1	3	6	1	-3
3	6	-2	2	5	0	-4
2	5	-3	0	5	-1	-5
1	4	-4	-1	4	-2	-6
0	3	-5	-2	3	-3	-7

TABLE 170. ANCHOR TEST E.JATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 1, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	39	40	45	29	44	34
39	38	38	44	29	42	33
38	37	37	43	28	41	32
37	36	36	41	27	40	31
36	35	35	40	26	38	30
35	34	33	39	26	37	29
34	33	32	37	25	36	28
33	32	31	36	24	35	26
32	31	30	35	24	33	25
31	30	29	34	23	32	24
30	29	27	32	22	31	23
29	28	26	31	21	30	22
28	27	25	30	21	28	21
27	25	24	29	20	27	20
26	24	23	27	19	26	19
25	23	21	26	19	24	17
24	22	20	25	18	23	16
23	21	19	23	17	22	15
22	20	18	22	17	21	14
21	19	17	21	16	19	13
20	18	15	20	15	18	12
19	17	14	18	14	17	11
18	16	13	17	14	16	10
17	15	12	16	13	14	8
16	14	10	14	12	13	7
15	13	9	13	12	12	6
14	12	8	12	11	10	5
13	11	7	11	10	9	4
12	9	6	9	10	8	3
11	8	4	8	9	7	2
10	7	3	7	8	5	1
9	6	2	6	7	4	0
8	5	1	4	7	3	- 2
7	4	0	3	6	1	- 3
6	3	- 2	2	5	0	- 4
5	2	- 3	0	5	- 1	- 5
4	1	- 4	- 1	4	- 2	- 6
3	0	- 5	- 2	3	- 4	- 7
2	- 1	- 6	- 3	3	- 5	- 8
1	- 2	- 8	- 5	2	- 6	- 9
0	- 3	- 9	- 6	1	- 7	- 11

TABLE 171. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	42	43	49	31	47	37
42	42	42	48	31	46	37
41	41	41	47	30	45	36
40	40	40	46	30	44	35
39	39	40	45	29	43	34
38	38	39	44	28	42	33
37	37	38	43	28	41	32
36	36	37	41	27	40	31
35	35	36	40	27	39	30
34	35	36	39	26	38	29
33	34	35	38	25	37	28
32	33	34	37	25	36	27
31	32	33	36	24	35	26
30	31	32	35	24	34	25
29	30	31	34	23	33	25
28	29	31	33	23	32	24
27	28	30	32	22	30	23
26	27	29	31	21	29	22
25	27	28	30	21	28	21
24	26	27	29	20	27	20
23	25	26	28	20	26	19
22	24	26	27	19	25	18
21	23	25	26	19	24	17
20	22	24	25	18	23	16
19	21	23	24	17	22	15
18	20	22	22	17	21	14
17	20	21	21	16	20	13
16	19	21	20	16	19	13
15	18	20	19	15	18	12
14	17	19	18	14	17	11
13	16	18	17	14	16	10
12	15	17	16	13	15	9
11	14	17	15	13	14	8
10	13	16	14	12	13	7
9	13	15	13	12	11	6
8	12	14	12	11	10	5
7	11	13	11	10	9	4
6	10	12	10	10	8	3
5	9	12	9	9	7	2
4	8	11	8	9	6	1
3	7	10	7	8	5	1

TABLE 171. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	6	9	6	7	4	0
1	5	8	5	7	3	- 1
0	5	7	3	6	2	- 2

TA_LE 172. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 1, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	43	44	44	32	48	39
49	43	43	43	31	47	38
48	42	42	42	31	46	37
47	41	42	41	30	45	36
46	40	41	40	30	44	35
45	39	40	39	29	44	34
44	38	39	[illegible]	29	43	33
43	38	38	38	28	42	32
42	37	38	37	28	41	32
41	36	37	36	27	40	31
40	35	36	35	26	39	30
39	34	35	34	26	38	29
38	33	34	33	25	37	28
37	33	34	32	25	36	27
36	32	33	31	24	35	26
35	31	32	30	24	34	25
34	30	31	29	23	33	25
33	29	31	28	23	32	24
32	28	30	27	22	31	23
31	28	29	26	21	30	22
30	27	28	25	21	29	21
29	26	27	24	20	28	20
28	25	27	23	20	27	19
27	24	26	22	19	26	18
26	23	25	21	19	25	18
25	23	24	20	18	24	17
24	22	24	20	18	23	16
23	21	23	19	17	22	15
22	20	22	18	17	21	14
21	19	21	17	16	20	13
20	18	20	16	15	19	12
19	18	20	15	15	18	11
18	17	19	14	14	17	11
17	16	18	13	14	16	10
16	15	17	12	13	15	9
15	14	17	11	13	14	8
14	13	16	10	12	13	7
13	13	15	9	12	12	6
12	12	14	8	11	11	5
11	11	13	7	10	10	4
10	10	13	6	10	9	4

TABLE 173. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 1 (VOCABULARY)

PROCEDURE 1, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	41	41	41	47	45	36
29	39	40	39	45	43	34
28	38	38	38	43	41	32
27	36	37	36	41	40	31
26	35	36	34	39	38	29
25	33	34	32	38	36	28
24	31	33	31	36	34	26
23	30	31	29	34	32	24
22	28	30	27	32	31	23
21	27	28	25	30	29	21
20	25	27	24	28	27	20
19	24	26	22	27	25	18
18	22	24	20	25	23	16
17	21	23	19	23	21	15
16	19	21	17	21	20	13
15	18	20	15	19	18	12
14	16	18	13	18	16	10
13	15	17	12	16	14	8
12	13	16	10	14	12	7
11	12	14	8	12	11	5
10	10	13	6	10	9	4
9	9	11	5	8	7	2
8	7	10	3	7	5	1
7	6	8	1	5	3	- 1
6	4	7	0	3	1	- 3
5	3	6	- 2	1	0	- 4
4	1	4	- 4	- 1	- 2	- 6
3	0	3	- 6	- 2	- 4	- 7
2	- 2	1	- 7	- 4	- 6	- 9
1	- 3	0	- 9	- 6	- 8	- 11
0	- 5	- 1	- 11	- 8	- 9	- 12

TABLE 172. ANCHOR TEST JUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 1, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	9	12	5	9	8	3
8	8	11	4	9	7	2
7	8	10	3	8	6	1
6	7	9	2	8	5	0
5	6	9	2	7	4	- 1
4	5	8	1	7	3	- 2
3	4	7	0	6	2	- 3
2	3	6	- 1	6	1	- 3
1	3	6	- 2	5	0	- 4
0	2	5	- 3	4	- 1	- 5

TABLE 174. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	38	39	38	44	28	33
41	37	38	37	43	28	32
40	36	37	36	42	27	31
39	36	36	35	41	27	30
38	35	36	34	40	26	29
37	34	35	33	39	26	28
36	33	34	32	38	25	28
35	32	33	31	37	25	27
34	31	33	30	36	24	26
33	31	32	30	35	23	25
32	30	31	29	34	23	24
31	29	30	28	33	22	23
30	28	29	27	32	22	22
29	27	29	26	31	21	21
28	26	28	25	30	21	21
27	26	27	24	29	20	20
26	25	26	23	28	20	19
25	24	26	22	27	19	18
24	23	25	21	26	18	[illegible]
23	22	24	20	25	18	[illegible]
22	21	23	19	24	17	15
21	21	22	18	23	17	14
20	20	22	17	22	16	14
19	19	21	16	21	16	13
18	18	20	15	20	15	12
17	17	19	14	19	15	11
16	16	18	13	18	14	10
15	16	18	12	17	14	9
14	15	17	11	16	13	8
13	14	16	11	15	12	7
12	13	15	10	14	12	7
11	12	15	9	13	11	6
10	11	14	8	12	11	5
9	10	13	7	11	10	4
8	10	12	6	10	10	3
7	9	11	5	9	9	2
6	8	11	4	8	9	1
5	7	10	3	7	8	0
4	6	9	2	6	7	0
3	5	8	1	5	7	- 1
2	5	8	0	4	6	- 2

TABLE 174. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	4	7	- 1	3	6	- 3
0	3	6	- 2	2	5	- 4

TABLE 175. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 1, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	52	52	54	61	38	59
47	52	52	53	60	37	58
46	51	51	52	59	37	57
45	50	50	51	58	36	56
44	49	49	50	56	35	55
43	48	48	49	55	35	54
42	47	47	48	54	34	53
41	46	46	47	53	33	51
40	45	45	46	52	33	50
39	44	44	45	51	32	49
38	43	43	44	50	32	48
37	42	43	43	48	31	47
36	41	42	41	47	30	46
35	40	41	40	46	30	45
34	39	40	39	45	29	43
33	38	39	38	44	28	42
32	37	38	37	43	28	41
31	36	37	36	42	27	40
30	35	36	35	40	27	39
29	34	35	34	39	26	38
28	33	35	33	38	25	37
27	32	34	32	37	25	35
26	32	33	31	36	24	34
25	31	32	30	35	23	33
24	30	31	29	34	23	32
23	29	30	27	32	22	31
22	28	29	26	31	22	30
21	27	28	25	30	21	29
20	26	27	24	29	20	27
19	25	26	23	28	20	26
18	24	26	22	27	19	25
17	23	25	21	26	18	24
16	22	24	20	24	18	23
15	21	23	19	23	17	22
14	20	22	18	22	17	21
13	19	21	17	21	16	19
12	18	20	16	20	15	18
11	17	19	14	19	15	17
10	16	18	13	18	14	16
9	15	18	12	16	13	15
8	14	17	11	15	13	14

TABLE 176. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 1, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	43
39	39	40	47	29	42	40
38	38	39	45	28	41	37
37	37	37	43	27	40	34
36	36	36	42	27	39	32
35	36	35	40	26	38	30
34	35	34	39	25	38	29
33	34	33	37	25	37	26
32	33	32	36	24	36	25
31	32	30	35	24	34	24
30	32	29	34	23	33	22
29	31	28	32	22	32	21
28	30	26	31	22	31	20
27	29	25	30	21	30	19
26	28	24	29	21	28	18
25	27	22	27	20	27	17
24	27	21	26	20	25	16
23	26	20	25	19	24	16
22	25	18	24	18	22	15
21	24	17	23	18	21	14
20	23	16	22	17	20	13
19	22	15	21	16	18	13
18	21	15	20	16	17	12
17	20	14	19	15	16	12
16	18	13	17	14	15	11
15	17	12	16	13	14	10
14	16	12	15	13	13	10
13	15	11	14	12	12	9
12	14	10	13	11	11	8
11	13	10	12	10	10	8
10	11	9	11	9	9	7
9	10	8	10	8	8	6
8	9	7	9	7	8	5
7	8	6	8	6	7	4
6	7	5	7	6	6	4
5	6	4	6	5	5	3
4	5	3	5	4	5	2
3	4	2	4	3	4	2
2	3	2	3	2	3	1
1	1	1	1	1	2	1
0	0	0	0	0	1	0

TABLE 175. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 1, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	13	16	10	14	12	13
6	12	15	9	13	12	11
5	12	14	8	12	11	10
4	11	13	7	11	10	9
3	10	12	6	10	10	8
2	9	11	5	8	9	7
1	8	10	4	7	8	6
0	7	10	3	6	8	5

TABLE 177. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 1. EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	43
39	39	40	47	29	42	40
38	38	39	45	28	41	37
37	37	37	43	27	40	34
36	36	36	41	26	39	31
35	34	34	39	26	38	29
34	33	33	37	25	37	27
33	32	32	36	24	35	25
32	31	30	34	23	34	23
31	29	28	33	23	33	22
30	28	26	31	22	31	20
29	27	25	29	21	29	19
28	26	23	28	21	28	18
27	25	22	27	20	26	17
26	24	20	26	19	25	16
25	23	19	24	19	23	15
24	22	18	23	18	22	14
23	20	17	22	17	20	14
22	19	16	21	17	19	13
21	18	15	20	16	18	12
20	17	14	19	15	16	12
19	17	13	18	15	15	11
18	16	13	17	14	15	11
17	15	12	16	13	14	10
16	14	12	15	12	13	10
15	13	11	14	12	12	9
14	12	10	14	11	11	8
13	11	10	13	10	10	8
12	11	9	12	9	10	7
11	10	8	11	9	9	7
10	9	8	10	8	8	6
9	8	7	9	7	8	5
8	7	6	8	6	7	4
7	6	5	7	6	6	4
6	5	4	6	5	5	3
5	4	3	5	4	5	2
4	3	3	4	3	4	2
3	2	2	3	2	3	1
2	2	1	2	2	2	1
1	1	1	1	1	2	0
0	0	0	0	0	1	0

TABLE 178. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	40	40	50	30	42	47
42	40	40	49	30	42	44
41	40	39	48	29	42	41
40	39	39	47	29	41	39
39	38	38	45	28	41	37
38	38	38	44	28	40	35
37	37	37	43	27	40	33
36	36	36	41	27	39	32
35	35	36	40	26	38	30
34	34	35	39	25	38	28
33	33	34	38	25	37	27
32	32	33	36	24	36	25
31	32	33	35	24	35	24
30	31	32	34	23	34	23
29	30	32	33	23	33	22
28	29	31	33	23	33	22
27	29	30	32	22	32	21
26	28	30	31	22	31	20
25	27	29	30	21	30	19
24	26	29	29	21	29	18
23	26	28	28	21	27	18
22	25	27	27	20	26	17
21	24	27	26	20	25	16
20	23	26	25	19	24	16
19	23	25	25	19	23	15
18	22	24	24	18	22	15
17	21	24	23	18	21	14
16	20	23	21	17	20	13
15	19	21	20	16	18	13
14	17	20	19	15	16	12
13	16	18	17	14	15	11
[illegible]	14	17	16	13	13	10
[illegible]	13	15	14	12	12	9
[illegible]	12	13	13	11	11	8
[illegible]	10	12	12	9	10	7
8	9	11	11	8	9	6
7	8	9	10	7	8	5
6	7	8	8	7	7	5
5	6	7	7	6	6	4
4	5	6	6	5	6	3
3	4	5	5	4	5	2

TABLE 178. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	3	3	3	3	3	2
1	1	2	2	1	2	1
0	0	0	0	0	1	0

TABLE 179. ANCHOR TEST EQUATING STUDY: CRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 1, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART I (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	40	40	43	30	42	47
49	40	40	42	30	42	43
48	40	39	41	30	42	41
47	39	39	40	29	42	40
46	39	38	40	29	41	38
45	38	38	39	28	41	37
44	37	37	38	28	40	35
43	37	37	37	27	40	34
42	36	37	37	27	39	33
41	36	36	36	26	39	31
40	35	36	35	26	38	30
39	34	35	34	26	38	29
38	34	34	33	25	37	27
37	33	34	33	25	36	26
36	32	33	32	24	36	25
35	31	33	31	24	35	24
34	30	32	30	23	34	23
33	30	31	29	23	33	22
32	29	31	27	22	32	21
31	28	30	26	22	31	20
30	27	29	25	21	30	19
29	26	29	24	21	29	19
28	26	28	23	20	27	18
27	25	27	22	20	26	17
26	24	26	21	19	25	16
25	23	26	20	19	24	16
24	22	25	19	18	23	15
23	21	24	18	18	22	14
22	21	23	17	17	20	14
21	20	22	16	17	19	13
20	19	21	15	16	18	12
19	18	20	14	15	17	12
18	17	19	13	15	16	11
17	16	18	13	14	14	11
16	15	17	12	13	13	10
15	14	16	11	12	13	9
14	13	15	11	11	12	9
13	12	13	10	10	11	8
12	11	12	9	10	10	7
11	10	11	8	9	9	7
10	9	10	8	8	8	6

TABLE 179. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 1, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	8	9	7	7	8	5
8	7	8	6	6	7	4
7	6	7	5	6	6	4
6	5	6	4	5	5	3
5	4	5	3	4	5	3
4	3	4	3	3	4	2
3	2	3	2	2	3	1
2	2	2	1	2	2	1
1	1	1	1	1	2	0
0	0	0	0	0	1	0

TABLE 180. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 1 (VOCABULARY)

PROCEDURE 1. EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	40	40	42	49	42	43
29	39	39	40	47	42	40
28	38	38	39	45	41	37
27	37	37	37	43	40	33
26	35	36	35	40	38	30
25	33	34	33	38	37	27
24	32	33	31	36	35	25
23	30	32	29	34	33	22
22	28	30	27	31	31	20
21	27	29	24	29	29	19
20	25	27	22	27	26	17
19	23	26	20	25	24	16
18	22	24	18	23	22	14
17	20	23	16	22	20	13
16	19	21	15	20	18	12
15	17	20	14	19	16	12
14	16	18	13	17	15	11
13	15	17	12	16	13	10
12	14	16	11	15	12	9
11	12	14	11	14	11	8
10	11	13	10	13	10	8
9	10	11	9	11	9	7
8	9	10	8	10	8	6
7	8	9	7	9	8	5
6	7	8	5	8	7	4
5	5	6	4	6	6	3
4	4	5	3	5	5	3
3	3	4	2	4	4	2
2	2	3	2	3	3	1
1	1	1	1	1	2	1
0	0	0	0	0	1	0

TABLE 181. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	40	39	41	48	30	42
41	38	38	39	46	28	38
40	37	37	38	43	27	34
39	36	36	36	41	27	32
38	35	35	35	39	26	29
37	34	34	33	38	25	27
36	33	34	32	37	25	26
35	32	33	31	35	24	24
34	31	32	30	34	23	23
33	30	31	29	33	23	22
32	29	31	28	32	22	21
31	28	30	26	31	22	20
30	27	30	25	30	22	20
29	27	29	24	29	21	19
28	26	28	24	29	21	18
27	25	28	23	28	20	17
26	25	27	22	27	20	17
25	24	26	21	26	20	16
24	23	26	20	25	19	16
23	23	25	19	24	19	15
22	22	24	18	23	18	15
21	21	24	17	23	18	14
20	20	23	16	22	17	14
19	20	22	16	21	17	13
18	19	21	15	20	16	13
17	18	21	14	19	16	12
16	17	20	14	19	15	12
15	16	19	13	18	14	11
14	15	18	13	17	14	10
13	14	16	12	16	13	10
12	13	15	11	15	12	9
11	12	14	10	13	11	8
10	11	13	9	12	10	7
9	10	11	8	11	9	7
8	9	10	7	10	8	6
7	7	8	6	8	6	5
6	6	7	5	7	5	4
5	5	6	3	5	4	3
4	3	4	3	4	3	2
3	2	3	2	3	2	1
2	1	2	1	2	1	1

TABLE 181. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 1, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	0	0	0	0	0	0
0	0	0	0	0	0	0

TABLE 182. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 1, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	40	40	43	50	30	42
47	40	40	43	50	30	42
46	40	40	43	50	30	42
45	40	40	42	50	30	42
44	40	40	42	49	30	42
43	40	40	42	49	30	42
42	40	40	41	48	30	42
41	40	39	41	48	29	42
40	39	39	40	47	29	42
39	39	39	40	47	29	41
38	39	38	39	46	29	41
37	38	38	39	45	28	41
36	38	38	38	45	28	41
35	37	37	38	44	28	40
34	37	37	37	43	27	40
33	37	37	37	42	27	40
32	36	36	36	42	27	39
31	36	36	36	41	26	39
30	35	36	35	40	26	38
29	35	35	35	39	26	38
28	34	35	34	39	25	38
27	33	34	33	38	25	37
26	33	34	33	37	25	36
25	32	33	32	36	24	36
24	31	33	31	35	24	35
23	31	32	30	34	23	34
22	30	31	29	33	23	33
21	29	31	27	32	22	32
20	28	30	26	31	22	31
19	27	29	25	30	21	29
18	26	28	24	29	21	28
17	25	27	22	27	20	26
16	24	26	20	26	19	25
15	22	25	19	24	19	23
14	21	24	17	22	18	21
13	19	22	16	21	17	19
12	18	21	14	19	16	17
11	16	19	13	18	14	15
10	15	17	12	16	13	14
9	13	15	11	15	12	12
8	12	14	10	13	11	11

TABLE 182. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 1, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	10	12	9	12	9	10
6	9	10	8	10	8	9
5	8	9	7	9	7	8
4	6	7	5	8	6	6
3	5	6	4	6	5	5
2	3	4	3	4	3	4
1	2	2	1	2	2	3
0	0	0	0	0	0	1

TABLE 183. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	40	46	30	44	35
39	39	39	44	29	43	34
38	38	38	43	28	42	33
37	37	36	42	28	40	32
36	37	35	41	27	39	31
35	36	34	40	26	38	30
34	35	33	38	26	37	29
33	34	32	37	25	36	28
32	33	31	36	24	34	27
31	32	30	35	23	33	26
30	31	28	34	23	32	24
29	30	27	32	22	31	23
28	29	26	31	21	30	22
27	28	25	30	21	28	21
26	27	24	29	20	27	20
25	26	23	28	19	26	19
24	25	22	26	19	25	18
23	24	20	25	18	24	17
22	23	19	24	17	23	16
21	22	18	23	17	21	15
20	21	17	22	16	20	14
19	20	16	20	15	19	13
18	19	15	19	15	18	12
17	18	14	18	14	17	11
16	17	12	17	13	15	10
15	16	11	16	12	14	9
14	15	10	14	12	13	8
13	14	9	13	11	12	7
12	13	8	12	10	11	6
11	13	7	11	10	9	5
10	12	6	10	9	8	4
9	11	4	8	8	7	3
8	10	3	7	8	6	2
7	9	2	6	7	5	1
6	8	1	5	6	4	0
5	7	0	4	6	2	- 1
4	6	- 1	2	5	1	- 2
3	5	- 3	1	4	0	- 3
2	4	- 4	0	3	- 1	- 4
1	3	- 5	- 1	3	- 2	- 5
0	2	- 6	- 2	2	- 4	- 6

TABLE 184. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	40	45	29	44	34
39	39	38	44	29	42	33
38	38	37	43	28	41	32
37	37	36	41	27	40	31
36	36	35	40	27	39	30
35	35	34	39	26	37	29
34	33	32	38	25	36	28
33	32	31	36	24	35	27
32	31	30	35	24	34	26
31	30	29	34	23	32	25
30	29	28	33	22	31	24
29	28	26	31	22	30	23
28	27	25	30	21	29	22
27	26	24	29	20	27	21
26	25	23	28	19	26	19
25	24	22	26	19	25	18
24	23	20	25	18	24	17
23	22	19	24	17	23	16
22	21	18	23	17	21	15
21	20	17	21	16	20	14
20	19	16	20	15	19	13
19	18	14	19	14	18	12
18	17	13	18	14	16	11
17	16	12	16	13	15	10
16	15	11	15	12	14	9
15	14	10	14	11	13	8
14	13	8	13	11	11	7
13	12	7	11	10	10	5
12	11	6	10	9	9	4
11	10	5	9	9	8	3
10	8	4	8	8	6	2
9	7	2	7	7	5	1
8	6	1	5	6	4	0
7	5	0	4	6	3	- 1
6	4	- 1	3	5	1	- 2
5	3	- 2	2	4	0	- 3
4	2	- 3	0	4	- 1	- 4
3	1	- 5	- 1	3	- 2	- 5
2	0	- 6	- 2	2	- 3	- 6
1	- 1	- 7	- 3	1	- 5	- 7
0	- 2	- 8	- 5	1	- 6	- 8

TABLE 195. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	43	43	49	32	47	38
42	42	42	48	31	46	37
41	41	41	47	30	45	36
40	40	40	46	30	44	35
39	39	40	45	29	43	34
38	38	39	44	29	42	33
37	38	38	43	28	41	32
36	37	37	42	27	40	31
35	36	36	40	27	39	30
34	35	35	39	26	38	30
33	34	35	38	26	37	29
32	33	34	37	25	36	28
31	32	33	36	24	35	27
30	31	32	35	24	34	26
29	31	31	34	23	33	25
28	30	30	33	23	32	24
27	29	30	32	22	31	23
26	28	29	31	21	30	22
25	27	28	30	21	29	21
24	26	27	29	20	28	21
23	25	26	28	20	26	20
22	24	25	27	19	25	19
21	24	25	26	18	24	18
20	23	24	25	18	23	17
19	22	23	24	17	22	16
18	21	22	23	17	21	15
17	20	21	22	16	20	14
16	19	20	21	15	19	13
15	18	20	20	15	18	12
14	18	19	19	14	17	12
13	17	18	18	14	16	11
12	16	17	16	13	15	10
11	15	16	15	12	14	9
10	14	15	14	12	13	8
9	13	15	13	11	12	7
8	12	14	12	11	11	6
7	11	13	11	10	10	5
6	11	12	10	9	9	4
5	10	11	9	9	8	3
4	9	10	8	8	7	3
3	8	10	7	8	6	2

TABLE 185. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	7	9	6	7	5	1
1	6	8	5	6	4	0
0	5	7	4	6	3	- 1

TABLE 186. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	44	44	44	32	48	39
49	43	43	43	32	47	38
48	42	42	42	31	46	37
47	41	42	41	31	45	36
46	40	41	40	30	44	35
45	40	40	39	29	43	34
44	39	39	38	29	42	34
43	38	38	38	28	41	33
42	37	38	37	28	40	32
41	36	37	36	27	39	31
40	35	36	35	26	38	30
39	35	35	34	26	37	29
38	34	34	33	25	36	28
37	33	34	32	25	36	28
36	32	33	31	24	35	27
35	31	32	30	24	34	26
34	30	31	29	23	33	25
33	30	30	28	22	32	24
32	29	30	27	22	31	23
31	28	29	26	21	30	22
30	27	28	25	21	29	21
29	26	27	24	20	28	21
28	25	26	23	20	27	20
27	25	26	22	19	26	19
26	24	25	21	18	25	18
25	23	24	20	18	24	17
24	22	23	19	17	23	16
23	21	22	18	17	22	15
22	20	22	17	16	21	15
21	20	21	16	16	20	14
20	19	20	15	15	19	13
19	18	19	15	14	18	12
18	17	18	14	14	17	11
17	16	18	13	13	16	10
16	15	17	12	13	15	9
15	15	16	11	12	14	9
14	14	15	10	12	13	8
13	13	14	9	11	12	7
12	12	13	8	10	11	6
11	11	13	7	10	10	5
10	10	12	6	9	9	4

TABLE 186. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	10	11	5	9	8	3
8	9	10	4	8	7	3
7	8	9	3	8	6	2
6	7	9	2	7	5	1
5	6	8	1	6	4	0
4	5	7	0	6	3	- 1
3	5	6	- 1	5	2	- 2
2	4	5	- 2	5	1	- 3
1	3	5	- 3	4	0	- 4
0	2	4	- 4	3	- 1	- 4

TABLE 187. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 1 (VOCABULARY)

PROCEDURE 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM C VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	41	41	41	46	45	35
29	39	40	39	44	43	34
28	38	38	37	43	41	32
27	36	37	36	41	39	31
26	35	35	34	39	38	29
25	33	34	32	38	36	28
24	32	33	31	36	34	26
23	30	31	29	34	33	25
22	29	30	27	32	31	23
21	28	28	26	31	29	22
20	26	27	24	29	27	20
19	25	26	22	27	26	19
18	23	24	21	25	24	17
17	22	23	19	24	22	16
16	20	21	17	22	20	14
15	19	20	16	20	19	13
14	17	19	14	18	17	11
13	16	17	12	17	15	10
12	14	16	11	15	14	8
11	13	14	9	13	12	7
10	12	13	7	11	10	5
9	10	12	6	10	8	4
8	9	10	4	8	7	2
7	7	9	2	6	5	1
6	6	7	1	5	3	- 1
5	4	6	- 1	3	2	- 2
4	3	5	- 3	1	0	- 4
3	1	3	- 4	- 1	- 2	- 5
2	0	2	- 6	- 2	- 4	- 7
1	- 1	0	- 8	- 4	- 5	- 8
0	- 3	- 1	- 9	- 6	- 7	- 10

TABLE 188. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	38	39	38	44	29	33
41	38	38	37	43	28	32
40	37	37	36	42	27	31
39	36	36	35	41	27	31
38	35	36	34	40	26	30
37	34	35	33	39	26	29
36	33	34	32	38	25	28
35	33	33	31	37	25	27
34	32	32	30	36	24	26
33	31	32	29	35	23	25
32	30	31	28	34	23	25
31	29	30	27	33	22	24
30	28	29	26	32	22	23
29	28	28	26	31	21	22
28	27	28	25	30	20	21
27	26	27	24	29	20	20
26	25	26	23	28	19	19
25	24	25	22	27	19	18
24	23	24	21	26	18	18
23	22	23	20	25	18	17
22	22	23	19	23	17	16
21	21	22	18	22	16	15
20	20	21	17	21	16	14
19	19	20	16	20	15	13
18	18	19	15	19	15	12
17	17	19	14	18	14	11
16	17	18	13	17	13	11
15	16	17	12	16	13	10
14	15	16	11	15	12	9
13	14	15	10	14	12	8
12	13	15	9	13	11	7
11	12	14	8	12	11	6
10	12	13	7	11	10	5
9	11	12	6	10	9	5
8	10	11	5	9	9	4
7	9	11	4	8	8	3
6	8	10	3	7	8	2
5	7	9	2	6	7	1
4	6	8	1	5	7	0
3	6	7	0	4	6	- 1
2	5	7	- 1	3	5	- 2

TABLE 188. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	4	6	- 1	2	5	- 2
0	3	5	- 2	1	4	- 3

TABLE 189. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	53	53	55	61	38	59
47	52	52	53	60	38	58
46	51	51	52	59	37	57
45	50	50	51	57	36	56
44	49	49	50	56	36	55
43	48	48	49	55	35	53
42	47	47	48	54	34	52
41	46	46	47	53	34	51
40	45	45	46	52	33	50
39	44	44	45	50	32	49
38	43	43	43	49	32	48
37	42	42	42	48	31	46
36	41	42	41	47	30	45
35	40	41	40	46	30	44
34	39	40	39	45	29	43
33	38	39	38	43	28	42
32	37	38	37	42	28	41
31	36	37	36	41	27	40
30	35	36	35	40	26	38
29	34	35	33	39	26	37
28	33	34	32	38	25	36
27	33	33	31	37	24	35
26	32	32	30	35	24	34
25	31	31	29	34	23	33
24	30	30	28	33	22	32
23	29	29	27	32	22	30
22	28	28	26	31	21	29
21	27	28	25	30	20	28
20	26	27	23	28	20	27
19	25	26	22	27	19	26
18	24	25	21	26	18	25
17	23	24	20	25	18	23
16	22	23	19	24	17	22
15	21	22	18	23	16	21
14	20	21	17	21	16	20
13	19	20	16	20	15	19
12	18	19	15	19	14	18
11	17	18	13	18	14	17
10	16	17	12	17	13	15
9	15	16	11	16	12	14
8	14	15	10	14	12	13

TABLE 189. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	13	15	9	13	11	12
6	12	14	8	12	10	11
5	11	13	7	11	10	10
4	10	12	6	10	9	9
3	9	11	5	9	8	7
2	8	10	3	8	8	6
1	7	9	2	6	7	5
0	6	8	1	5	6	4

TABLE 190. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	42
39	39	40	47	29	41	39
38	38	39	44	28	40	37
37	37	37	43	27	40	34
36	36	36	41	26	39	32
35	35	35	40	26	38	30
34	34	34	38	25	37	28
33	33	32	37	25	36	26
32	33	31	36	24	35	25
31	32	30	34	23	34	24
30	31	29	33	23	33	22
29	30	27	32	22	32	21
28	30	26	31	22	30	20
27	29	24	29	21	29	19
26	28	23	28	20	28	18
25	27	21	27	20	26	17
24	26	20	26	19	25	16
23	25	19	24	18	23	16
22	24	18	23	18	22	15
21	23	17	22	17	20	14
20	22	16	21	16	19	14
19	21	15	20	16	18	13
18	20	14	19	15	17	12
17	19	13	18	14	16	12
16	17	12	17	13	14	11
15	16	12	16	13	14	11
14	15	11	15	12	13	10
13	14	10	14	11	12	9
12	13	9	13	10	11	9
11	12	9	12	9	10	8
10	11	8	11	8	9	7
9	9	7	10	7	8	6
8	8	6	9	6	8	5
7	7	6	8	6	7	5
6	6	5	7	5	6	4
5	5	4	6	4	5	3
4	4	3	5	3	4	2
3	2	1	4	1	2	1
2	1	0	3	0	1	0
1	0	0	2	0	0	0
0	0	0	1	0	0	0

TABLE 191. ANCHOR TEST 'QUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	44
39	39	41	47	29	42	40
38	38	39	45	28	41	38
37	37	38	43	28	40	35
36	36	36	41	27	39	32
35	35	35	40	26	38	30
34	34	33	38	25	37	28
33	33	32	36	24	36	26
32	31	30	35	24	34	24
31	30	28	33	23	33	22
30	29	26	31	22	31	21
29	27	25	30	21	30	19
28	26	23	29	21	28	18
27	26	22	27	20	27	18
26	24	21	26	19	25	17
25	23	19	25	19	24	16
24	22	18	24	18	22	15
23	21	17	22	17	21	14
22	20	16	21	16	19	14
21	19	15	20	16	18	13
20	18	14	19	15	17	13
19	17	13	18	15	16	12
18	17	13	18	14	15	12
17	16	12	17	13	14	11
16	15	12	16	13	13	11
15	14	11	15	12	13	10
14	13	10	14	11	12	9
13	12	10	13	10	11	9
12	11	9	12	9	10	8
11	10	8	12	8	10	7
10	10	7	11	8	9	7
9	9	7	10	7	8	6
8	8	6	9	6	7	5
7	7	6	8	5	7	5
6	6	5	6	5	6	4
5	5	4	6	4	5	3
4	4	3	5	3	4	2
3	3	2	4	2	3	1
2	3	1	4	1	2	1
1	2	0	3	0	1	0
0	1	0	2	0	0	0

TABLE 192. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	40	40	50	30	42	47
42	40	40	49	30	42	44
41	40	39	48	30	42	41
40	39	39	47	29	41	39
39	38	38	45	28	41	37
38	38	37	44	28	40	35
37	37	37	42	27	40	33
36	36	36	41	27	39	32
35	35	35	40	26	38	30
34	34	35	39	25	38	29
33	34	34	38	25	37	27
32	33	33	36	24	36	26
31	32	32	35	24	35	25
30	31	32	34	23	34	24
29	30	31	33	23	33	23
28	30	31	33	23	32	22
27	29	30	32	22	32	21
26	28	30	31	22	31	20
25	28	29	30	21	30	20
24	27	29	29	21	29	19
23	26	28	28	20	28	18
22	26	27	27	20	27	18
21	25	26	27	19	26	17
20	24	26	26	19	25	16
19	23	25	25	18	24	16
18	22	24	24	18	22	15
17	21	23	23	17	21	15
16	21	22	22	17	20	14
15	19	21	20	16	18	13
14	18	20	19	15	17	13
13	17	18	18	14	15	12
12	16	17	17	13	14	11
11	14	15	15	12	13	10
10	13	14	14	11	12	9
9	11	12	13	9	10	8
8	10	11	12	8	9	7
7	9	9	10	7	8	6
6	8	8	9	6	7	5
5	6	6	7	5	6	4
4	5	5	6	4	5	3
3	4	4	5	3	4	2

TABLE 192. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	4	3	4	2	3	2
1	3	2	4	1	2	1
0	2	1	3	0	1	0

TABLE 193. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	40	40	43	30	42	47
49	40	40	42	30	42	44
48	40	39	41	30	42	41
47	39	39	40	29	42	40
46	39	38	40	29	41	38
45	38	38	39	28	41	37
44	38	37	38	28	40	36
43	37	37	38	27	40	35
42	37	36	37	27	39	33
41	36	36	36	26	39	32
40	35	35	35	26	38	30
39	35	35	34	26	38	29
38	34	34	33	25	37	28
37	33	34	33	25	36	27
36	32	33	32	24	36	26
35	32	32	31	24	35	24
34	31	32	30	23	34	23
33	30	31	29	23	33	22
32	29	31	27	22	32	21
31	28	30	26	22	31	20
30	28	29	25	21	30	20
29	27	28	24	21	29	19
28	26	28	23	20	28	18
27	25	27	22	20	27	17
26	24	26	21	19	25	17
25	24	25	20	19	24	16
24	23	24	[illegible]	18	23	15
23	22	24	17	17	22	15
22	21	23	16	17	20	14
21	20	22	16	16	19	14
20	19	21	15	16	18	13
19	18	20	14	15	17	12
18	17	19	13	14	16	12
17	16	17	12	13	14	11
16	15	16	12	13	13	11
15	14	15	11	12	13	10
14	13	14	10	11	12	9
13	12	13	9	10	11	8
12	11	12	8	9	10	8
11	10	10	8	8	9	7
10	9	9	7	7	8	6

TABLE 193. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	8	8	6	6	8	5
8	7	7	6	6	7	5
7	6	6	5	5	6	4
6	6	6	5	4	5	4
5	4	4	3	3	4	2
4	3	3	2	2	3	1
3	2	1	0	0	1	0
2	1	0	0	0	0	0
1	0	0	0	0	0	0
0	0	0	0	0	0	0

TABLE 194. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 1 (VOCABULARY)

PROCEDURE 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	40	40	42	49	42	42
29	39	39	40	47	41	39
28	38	38	39	44	40	36
27	37	37	37	42	40	33
26	35	35	35	40	38	31
25	34	34	33	38	37	28
24	32	33	31	36	35	25
23	30	31	29	33	33	23
22	29	30	27	31	31	21
21	27	29	24	29	29	19
20	26	27	22	28	27	18
19	24	26	20	26	25	17
18	23	24	18	24	23	15
17	21	23	17	22	21	14
16	20	22	15	21	19	13
15	18	20	14	19	17	13
14	17	18	13	18	15	12
13	16	17	12	17	14	11
12	14	15	11	15	13	10
11	13	14	10	14	12	9
10	12	13	10	13	11	9
9	11	12	9	12	10	8
8	10	10	8	11	9	7
7	9	9	7	10	8	6
6	8	8	6	9	7	5
5	6	7	5	7	6	4
4	5	5	4	6	5	3
3	4	4	3	5	4	2
2	4	3	2	4	3	2
1	3	2	1	4	2	1
0	2	1	0	3	1	0

TABLE 195. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	40	39	41	48	30	41
41	39	38	39	46	29	38
40	37	37	38	43	28	35
39	36	36	36	41	27	32
38	35	35	35	40	26	30
37	34	34	33	38	25	28
36	33	33	32	37	25	26
35	32	33	31	35	24	25
34	31	32	30	34	23	24
33	30	31	29	33	23	23
32	29	31	28	32	22	21
31	29	30	26	31	22	21
30	28	29	25	30	21	20
29	27	29	24	29	21	19
28	26	28	23	28	21	18
27	26	27	22	27	20	18
26	25	27	21	27	20	17
25	24	26	20	26	19	17
24	24	25	20	25	19	16
23	23	25	19	24	18	16
22	22	24	18	23	18	15
21	22	23	17	23	17	15
20	21	23	16	22	17	14
19	20	22	16	21	16	14
18	19	21	15	20	16	13
17	18	20	14	19	15	13
16	18	19	13	19	15	12
15	17	18	[illegible]	18	14	12
14	16	17	12	17	13	11
13	15	16	11	16	12	10
12	13	14	11	15	11	10
11	12	13	10	13	10	9
10	11	12	9	12	9	8
9	10	10	8	11	8	7
8	9	9	7	10	7	6
7	7	8	6	8	6	5
6	6	6	5	7	5	4
5	5	5	4	6	4	3
4	4	4	3	5	3	2
3	4	3	2	4	2	2
2	3	2	1	4	1	1

TABLE 195. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	2	1	0	3	0	0
0	1	0	0	2	0	0

TABLE 196. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	40	40	43	50	30	42
47	40	40	43	50	30	42
46	40	40	43	50	30	42
45	40	40	42	50	30	42
44	40	40	42	49	30	42
43	40	40	42	49	30	42
42	40	40	41	48	30	42
41	40	39	41	48	30	42
40	39	39	41	47	29	42
39	39	39	40	47	29	41
38	39	38	39	46	29	41
37	38	38	39	45	28	41
36	38	37	38	44	28	40
35	37	37	38	43	28	40
34	37	37	37	43	27	40
33	37	36	37	42	27	39
32	36	36	36	41	27	39
31	36	36	35	40	26	39
30	35	35	35	40	26	38
29	35	35	34	39	25	38
28	34	34	34	38	25	37
27	33	34	33	37	25	36
26	33	33	32	37	24	36
25	32	33	31	36	24	35
24	31	32	30	35	24	34
23	31	32	29	34	23	34
22	30	31	29	33	23	33
21	29	30	27	32	22	32
20	28	30	26	31	22	30
19	27	29	24	29	21	29
18	26	28	23	28	20	28
17	25	26	21	27	19	26
16	23	25	19	25	19	24
15	22	24	18	23	18	22
14	21	22	16	22	17	20
13	19	21	15	20	16	18
12	17	19	13	18	14	16
11	16	17	12	17	13	14
10	14	15	11	15	12	13
9	13	13	10	14	11	11
8	11	12	9	13	9	10

TABLE 196. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE I FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	10	11	8	11	8	9
6	9	9	7	10	7	8
5	8	8	6	9	6	7
4	6	6	5	7	5	6
3	5	5	4	6	4	5
2	4	4	3	5	3	4
1	3	2	1	4	1	2
0	2	1	0	3	0	1

TABLE 197. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 3, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	40	45	30	43	34
39	39	39	44	29	42	33
38	38	38	43	28	41	32
37	37	36	42	28	40	31
36	36	35	40	27	39	30
35	35	34	39	26	37	29
34	34	33	38	26	36	28
33	33	32	37	25	35	27
32	32	31	35	24	34	26
31	31	29	34	24	32	25
30	30	28	33	23	31	24
29	29	27	32	22	30	23
28	28	26	31	22	29	22
27	27	25	29	21	28	21
26	26	24	28	20	26	19
25	26	22	27	20	25	18
24	25	21	26	19	24	17
23	24	20	25	18	23	16
22	23	19	23	17	21	15
21	22	18	22	17	20	14
20	21	17	21	16	19	13
19	20	15	20	15	18	12
18	19	14	19	15	16	11
17	18	13	17	14	15	10
16	17	12	16	13	14	9
15	16	11	15	13	13	8
14	15	10	14	12	12	7
13	14	9	12	11	10	6
12	13	7	11	11	9	5
11	12	6	10	10	8	4
10	11	5	9	9	7	3
9	10	4	8	9	5	1
8	9	3	6	8	4	0
7	8	2	5	7	3	- 1
6	7	0	4	7	2	- 2
5	6	- 1	3	6	1	- 3
4	5	- 2	2	5	- 1	- 4
3	4	- 3	0	5	- 2	- 5
2	3	- 4	- 1	4	- 3	- 6
1	2	- 5	- 2	3	- 4	- 7
0	1	- 7	- 3	3	- 6	- 8

TABLE 198. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 3, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	40	45	30	43	34
39	39	38	44	29	42	33
38	38	37	42	28	41	32
37	37	36	41	28	39	31
36	36	35	40	27	38	30
35	35	34	39	26	37	29
34	34	33	38	25	36	28
33	33	31	3[illegible]	25	34	27
32	32	30	35	24	33	25
31	31	29	34	23	32	24
30	30	28	33	23	31	23
29	29	27	31	22	29	22
28	28	25	30	21	28	21
27	27	24	29	21	27	20
26	26	23	28	20	26	19
25	25	22	26	19	24	18
24	24	21	25	19	23	17
23	23	20	24	18	22	16
22	22	18	23	17	21	15
21	20	17	21	16	19	14
20	19	16	20	16	18	13
19	18	15	19	15	17	11
18	17	14	18	14	16	10
17	16	12	17	14	14	9
16	15	11	15	13	13	8
15	14	10	14	12	12	7
14	13	9	13	12	11	6
13	12	8	12	11	9	5
12	11	6	10	10	8	4
11	10	5	9	9	7	3
10	9	4	8	9	6	2
9	8	3	7	8	4	1
8	7	2	5	7	3	0
7	6	1	4	7	2	- 2
6	5	- 1	3	6	1	- 3
5	4	- 2	2	5	- 1	- 4
4	3	- 3	0	5	- 2	- 5
3	2	- 4	- 1	4	- 3	- 6
2	1	- 5	- 2	3	- 4	- 7
1	0	- 7	- 3	3	- 6	- 8
0	- 1	- 8	- 4	2	- 7	- 9

TABLE 199. ANCHOR TEST -QUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	43	43	49	32	47	37
42	42	42	47	31	46	36
41	41	41	46	30	45	35
40	40	40	45	30	44	34
39	39	40	44	29	43	34
38	39	39	43	29	42	33
37	38	38	42	28	41	32
36	37	37	41	28	39	31
35	36	36	40	27	38	30
34	35	35	39	26	37	29
33	34	34	38	26	36	28
32	33	34	37	25	35	27
31	32	33	36	25	34	26
30	32	32	35	24	33	25
29	31	31	34	23	32	24
28	30	30	33	23	31	24
27	29	29	32	22	30	23
26	28	29	31	22	29	22
25	27	28	30	21	28	21
24	26	27	29	20	27	20
23	26	26	28	20	26	19
22	25	25	27	19	25	18
21	24	24	26	19	24	17
20	23	24	25	18	23	16
19	22	23	23	18	21	15
18	21	22	22	17	20	14
17	20	21	21	16	19	13
16	20	20	20	16	18	13
15	19	19	19	15	17	12
14	18	18	18	15	16	11
13	17	18	17	14	15	10
12	16	17	16	13	14	9
11	15	16	15	13	13	8
10	14	15	14	12	12	7
9	14	14	13	12	11	6
8	13	13	12	11	10	5
7	12	13	11	11	9	4
6	11	12	10	10	8	3
5	10	11	9	9	7	3
4	9	10	8	9	6	2
3	8	9	7	8	5	1

TABLE 199. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	7	8	6	8	4	0
1	7	7	5	7	2	- 1
0	6	7	4	6	1	- 2

TABLE 200. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 3, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	44	44	45	32	48	39
49	43	43	44	32	47	38
48	42	43	43	31	46	37
47	42	42	42	31	45	36
46	41	41	41	30	44	35
45	40	40	40	30	43	34
44	39	39	39	29	42	33
43	38	39	38	29	41	32
42	37	38	37	28	40	32
41	37	37	36	27	39	31
40	36	36	35	27	38	30
39	35	35	34	26	37	29
38	34	34	33	26	36	28
37	33	34	32	25	35	27
36	33	33	31	25	34	26
35	32	32	30	24	33	25
34	31	31	29	23	32	25
33	30	30	28	23	31	24
32	29	30	27	22	30	23
31	28	29	26	22	29	22
30	28	28	25	21	28	21
29	27	27	24	21	27	20
28	26	26	23	20	26	19
27	25	26	22	20	25	18
26	24	25	22	19	24	18
25	23	24	21	18	23	17
24	23	23	20	18	22	16
23	22	22	19	17	21	15
22	21	22	18	17	20	14
21	20	21	17	16	19	13
20	19	20	16	16	18	12
19	18	19	15	15	17	11
18	18	18	14	15	16	11
17	17	17	13	14	15	10
16	16	17	12	13	14	9
15	15	16	11	13	13	8
14	14	15	10	12	12	7
13	14	14	9	12	11	6
12	13	13	8	11	10	5
11	12	13	7	11	9	4
10	11	12	6	10	8	4

TABLE 200. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 3, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	10	11	5	9	7	3
8	9	10	4	9	6	2
7	9	9	3	8	5	1
6	8	9	2	8	4	0
5	7	8	1	7	3	- 1
4	6	7	0	7	2	- 2
3	5	6	- 1	6	1	- 2
2	4	5	- 1	6	0	- 3
1	4	5	- 2	5	- 1	- 4
0	3	4	- 3	4	- 2	- 5

TABLE 201. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 1 (VOCABULARY)

PROCEDURE 3, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	41	41	40	46	44	35
29	39	39	39	44	42	33
28	38	38	37	42	40	32
27	36	36	35	40	39	30
26	35	35	34	39	37	29
25	33	33	32	37	35	27
24	32	32	30	35	33	25
23	30	31	28	33	31	24
22	29	29	27	31	30	22
21	27	28	25	30	28	21
20	26	26	23	28	26	19
19	24	25	22	26	24	18
18	23	23	20	24	22	16
17	21	22	18	23	21	15
16	20	21	17	21	19	13
15	18	19	15	19	17	11
14	17	18	13	17	15	10
13	16	16	11	15	13	8
12	14	15	10	14	12	7
11	13	13	8	12	10	5
10	11	12	6	10	8	4
9	10	10	5	8	6	2
8	8	9	3	7	4	1
7	7	8	1	5	3	- 1
6	5	6	- 1	3	1	- 3
5	4	5	- 2	1	- 1	- 4
4	2	3	- 4	- 1	- 3	- 6
3	1	2	- 6	- 2	- 5	- 7
2	- 1	0	- 7	- 4	- 6	- 9
1	- 2	- 1	- 9	- 6	- 8	- 10
0	- 4	- 3	- 11	- 8	- 10	- 12

TABLE 202. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	39	39	39	44	29	33
41	38	38	38	43	28	32
40	37	37	37	42	28	31
39	36	37	36	41	27	30
38	36	36	35	40	27	30
37	35	35	34	39	26	29
36	34	34	[illegible]	38	26	28
35	33	33	32	37	25	27
34	32	33	31	36	25	26
33	32	32	30	35	24	25
32	31	31	29	34	23	24
31	30	30	28	33	23	24
30	29	30	27	32	22	23
29	28	29	26	31	22	22
28	27	28	25	30	21	21
27	27	27	24	29	21	20
26	26	26	23	28	20	19
25	25	26	22	27	20	18
24	24	25	21	26	19	18
23	23	24	21	25	18	17
22	23	23	20	24	18	16
21	22	22	19	23	17	15
20	21	22	18	22	17	14
19	20	21	17	21	16	13
18	19	20	16	20	16	12
17	19	19	15	19	15	11
16	18	18	14	18	15	11
15	17	18	13	17	14	10
14	16	17	12	16	13	9
13	15	16	11	15	13	8
12	14	15	10	14	12	7
11	14	14	9	13	12	6
10	13	14	8	12	11	5
9	12	13	7	11	11	5
8	11	12	6	10	10	4
7	10	11	5	9	10	3
6	10	10	4	8	9	2
5	9	10	3	7	8	1
4	8	9	3	6	8	0
3	7	8	2	5	7	- 1
2	6	7	1	4	7	- 1

TABLE 202. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	5	6	0	3	6	- 2
0	5	6	- 1	2	6	- 3

TABLE 203. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 3, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	53	53	55	61	39	59
47	52	52	54	60	38	58
46	51	51	53	59	37	57
45	50	50	52	58	37	56
44	49	49	51	56	36	55
43	48	48	49	55	35	54
42	47	47	48	54	35	52
41	46	47	47	53	34	51
40	46	46	46	52	33	50
39	45	45	45	51	33	49
38	44	44	44	50	32	48
37	43	43	43	48	32	47
36	42	42	42	47	31	46
35	41	41	41	46	30	44
34	40	40	40	45	30	43
33	39	39	39	44	29	42
32	38	38	37	43	28	41
31	37	37	36	41	28	40
30	36	36	35	40	27	39
29	35	35	34	39	26	37
28	34	34	33	38	26	36
27	33	34	32	37	25	35
26	32	33	31	36	24	34
25	31	32	30	35	24	33
24	30	31	29	33	23	32
23	29	30	28	32	23	30
22	29	29	26	31	22	29
21	28	28	25	30	21	28
20	27	27	24	29	21	27
19	26	26	23	28	20	26
18	25	25	22	27	19	25
17	24	24	21	25	19	23
16	23	23	20	24	18	22
15	22	22	19	23	17	21
14	21	21	18	22	17	20
13	20	21	17	21	16	19
12	19	20	15	20	15	18
11	18	19	14	19	15	17
10	17	18	13	17	14	15
9	16	17	12	16	14	14
8	15	16	11	15	13	13

TABLE 203. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 3, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	14	15	10	14	12	12
6	13	14	9	13	12	11
5	12	13	8	12	11	10
4	11	12	7	11	10	8
3	11	11	6	9	10	7
2	10	10	4	8	9	6
1	9	9	3	7	8	5
0	8	9	2	6	8	4

TABLE 204. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 3, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	42
39	39	40	46	29	41	39
38	38	39	45	28	41	36
37	37	37	43	27	40	33
36	36	36	41	27	39	31
35	35	35	39	26	38	29
34	34	33	38	25	37	27
33	33	32	36	25	36	25
32	32	31	35	24	34	24
31	32	30	34	24	33	23
30	31	28	32	23	32	21
29	30	27	31	22	30	20
28	29	25	30	22	29	19
27	28	24	29	21	28	18
26	27	22	27	21	26	17
25	26	21	26	20	24	16
24	25	20	25	19	23	16
23	24	18	24	19	21	15
22	23	17	22	18	20	14
21	22	16	21	17	19	14
20	21	15	20	17	17	13
19	20	14	19	16	16	12
18	19	14	18	15	15	12
17	17	13	17	14	14	11
16	16	12	16	14	13	10
15	15	11	15	13	12	10
14	14	11	15	12	12	9
13	13	10	14	11	11	8
12	12	9	13	10	10	8
11	11	9	12	9	9	7
10	10	8	11	8	9	6
9	9	7	10	7	8	6
8	8	6	9	7	7	5
7	7	6	8	6	6	4
6	6	5	7	5	6	3
5	5	4	6	4	5	3
4	4	3	4	3	4	2
3	3	2	3	2	3	1
2	2	1	2	1	2	1
1	1	0	0	0	1	0
0	0	0	0	0	0	0

TABLE 205. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

PROCEDURE 3, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	43
39	39	41	47	29	42	40
38	38	39	45	28	41	37
37	37	38	43	28	40	34
36	36	36	41	27	39	32
35	35	35	39	26	38	29
34	34	33	38	25	37	27
33	33	32	36	25	35	25
32	32	30	34	24	34	23
31	30	29	33	23	32	22
30	29	27	31	23	31	20
29	28	25	30	22	29	19
28	27	24	28	21	27	18
27	26	22	27	20	26	17
26	25	21	26	20	24	16
25	24	19	25	19	23	15
24	23	18	23	19	21	15
23	22	17	22	18	20	14
22	21	16	21	17	19	14
21	20	15	20	17	17	13
20	19	14	19	16	16	12
19	18	14	19	15	15	12
18	18	13	18	15	15	11
17	17	13	17	14	14	11
16	16	12	16	13	13	10
15	15	11	15	13	12	10
14	14	11	14	12	12	9
13	13	10	14	11	11	8
12	12	9	13	10	10	8
11	11	9	12	9	9	7
10	10	8	11	8	9	6
9	9	7	10	8	8	6
8	8	6	9	7	7	5
7	7	6	8	6	6	4
6	6	5	7	5	6	3
5	5	4	6	4	5	3
4	4	3	4	3	4	2
3	3	2	3	2	3	1
2	2	1	2	1	2	1
1	1	0	0	0	1	0
0	0	0	0	0	0	0

TABLE 206. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	40	40	50	30	42	47
42	40	40	49	30	42	43
41	40	39	48	30	42	41
40	39	39	47	29	41	39
39	38	38	45	28	41	37
38	38	37	44	28	40	35
37	37	37	42	27	40	33
36	36	36	41	27	39	31
35	35	35	40	26	38	29
34	35	35	39	26	37	28
33	34	34	37	25	36	26
32	33	33	36	25	35	25
31	32	32	35	24	34	24
30	31	32	34	24	34	23
29	31	31	33	23	33	22
28	30	31	32	23	32	21
27	29	30	31	23	31	20
26	29	30	30	22	30	20
25	28	29	30	22	29	19
24	27	28	29	21	28	18
23	27	28	28	21	27	18
22	26	27	27	20	26	17
21	25	26	26	20	25	16
20	24	26	25	20	23	16
19	24	25	24	19	22	15
18	23	24	23	19	21	15
17	22	23	22	18	20	14
16	21	22	21	17	19	14
15	20	21	20	16	17	13
14	19	19	19	16	16	12
13	17	18	18	15	14	11
12	16	16	16	13	13	10
11	14	15	15	12	12	9
10	13	13	14	11	11	8
9	11	12	12	10	10	7
8	10	10	11	9	9	6
7	9	9	10	7	8	6
6	8	8	9	6	7	5
5	6	6	7	5	6	4
4	5	5	6	4	5	3
3	4	4	5	3	4	2

TABLE 206. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	3	3	3	2	3	1
1	2	2	2	1	2	1
0	1	1	0	0	1	0

TABLE 207. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 3, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	40	40	43	30	42	47
49	40	40	42	30	42	43
48	40	39	41	30	42	41
47	39	39	40	29	42	40
46	39	38	40	29	41	38
45	38	38	39	28	41	37
44	38	37	38	28	40	35
43	37	37	38	28	40	34
42	37	36	37	27	39	33
41	36	36	36	27	39	31
40	36	35	35	26	38	30
39	35	35	34	26	38	29
38	34	34	34	25	37	27
37	34	34	33	25	36	26
36	33	33	32	25	35	25
35	32	32	31	24	34	24
34	31	32	30	24	34	23
33	31	31	29	23	33	22
32	30	31	28	23	32	21
31	29	30	27	22	30	20
30	28	29	25	22	29	19
29	27	29	24	21	28	18
28	27	28	23	21	27	18
27	26	27	22	20	26	17
26	25	26	21	20	24	16
25	24	25	20	19	23	16
24	23	25	19	19	22	15
23	23	24	18	18	21	15
22	22	23	17	18	19	14
21	21	22	16	17	18	13
20	20	21	15	16	17	13
19	19	20	14	16	16	12
18	18	18	13	15	15	11
17	17	17	13	14	14	11
16	16	16	12	13	13	10
15	15	15	11	12	12	9
14	14	14	10	11	11	9
13	12	13	10	11	10	8
12	11	11	9	10	10	7
11	10	10	8	9	9	7
10	9	9	7	8	8	6

TABLE 207. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

PROCEDURE 3, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	8	8	6	7	7	5
8	7	7	6	6	6	4
7	6	6	5	5	6	4
6	5	5	4	4	5	3
5	5	5	3	4	4	2
4	4	4	3	3	4	2
3	3	3	2	2	3	1
2	2	2	1	1	2	1
1	2	2	1	1	2	0
0	1	1	0	0	1	0

TABLE 208. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART I (VOCABULARY)

PROCEDURE 3, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	40	40	42	49	42	43
29	39	39	40	47	41	39
28	38	37	38	44	40	36
27	37	36	37	42	39	32
26	35	35	35	40	38	29
25	34	34	33	37	36	26
24	32	32	31	35	34	24
23	30	31	28	32	32	21
22	28	29	26	30	30	20
21	27	28	23	28	27	18
20	25	26	21	26	25	17
19	24	25	19	24	22	15
18	22	23	17	23	20	14
17	21	22	16	21	18	13
16	19	20	15	20	16	12
15	18	19	13	18	15	12
14	17	17	13	17	14	11
13	15	16	12	16	13	10
12	14	14	11	15	12	9
11	13	13	10	14	11	8
10	12	12	9	13	10	8
9	11	11	8	11	9	7
8	10	10	8	11	8	6
7	9	8	7	9	8	5
6	7	7	6	8	7	4
5	6	6	5	7	6	4
4	5	5	4	6	5	3
3	4	4	3	4	4	2
2	3	3	2	3	3	1
1	2	2	1	2	2	1
0	1	1	0	0	1	0

TABLE 209. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	40	40	41	48	30	42
41	39	38	40	46	29	38
40	37	37	38	43	28	35
39	36	36	36	41	27	32
38	35	35	35	40	26	29
37	34	34	34	38	25	27
36	33	33	33	37	25	26
35	33	33	32	36	24	25
34	32	32	31	35	24	23
33	31	31	29	33	24	22
32	30	31	28	33	23	21
31	29	30	27	32	23	21
30	29	30	26	31	22	20
29	28	29	25	30	22	19
28	27	29	24	29	21	18
27	27	28	23	28	21	18
26	26	27	22	27	21	17
25	26	27	21	27	20	17
24	25	26	21	26	20	16
23	24	25	20	25	19	16
22	23	25	19	24	19	15
21	23	24	18	23	18	15
20	22	23	17	23	18	14
19	21	22	16	22	18	14
18	21	22	16	21	17	13
17	20	21	15	20	16	13
16	19	20	14	19	16	12
15	18	19	14	18	15	12
14	17	17	13	17	14	11
13	16	16	12	16	13	10
12	15	15	11	15	12	9
11	13	13	10	14	11	9
10	12	12	9	13	10	8
9	11	11	8	11	9	7
8	9	9	7	10	8	6
7	8	8	6	9	7	5
6	7	7	5	8	6	4
5	5	5	4	6	4	3
4	4	4	3	5	3	2
3	3	3	2	3	2	1
2	2	2	1	2	1	1

TABLE 209. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

PROCEDURE 3, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM C VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	1	1	0	0	0	0
0	C	0	0	0	0	0

TABLE 210. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 3, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM C VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	40	40	43	50	30	42
47	40	40	43	50	30	42
46	40	40	43	50	30	42
45	40	40	43	50	30	42
44	40	40	42	49	30	42
43	40	40	42	49	30	42
42	40	40	41	48	30	42
41	40	39	41	48	30	42
40	39	39	41	47	29	42
39	39	39	40	47	29	41
38	39	38	40	46	29	41
37	38	38	39	45	28	41
36	38	38	39	44	28	41
35	38	37	38	44	28	40
34	37	37	38	43	28	40
33	37	37	37	42	27	40
32	37	36	37	42	27	39
31	36	36	36	41	27	39
30	36	35	35	40	26	38
29	35	35	35	39	26	38
28	35	35	34	39	26	37
27	34	34	34	38	25	37
26	34	34	33	37	25	36
25	33	33	32	36	25	35
24	32	32	31	35	24	35
23	31	32	30	34	24	34
22	31	31	29	33	23	33
21	30	31	28	32	23	32
20	29	30	27	31	22	30
19	28	29	25	30	22	29
18	27	28	24	28	21	27
17	26	27	22	27	20	26
16	25	26	20	26	20	24
15	23	24	19	24	19	22
14	22	23	17	22	18	20
13	20	21	15	21	17	18
12	19	19	14	19	16	16
11	17	18	13	17	14	14
10	16	16	12	16	13	13
9	14	14	11	14	12	12
8	12	13	10	13	11	10

TABLE 210. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

PROCEDURE 3, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	11	11	9	12	9	9
6	10	10	8	10	8	8
5	8	8	7	9	7	7
4	7	7	5	8	6	6
3	5	6	4	6	5	5
2	4	4	3	4	3	4
1	3	3	2	2	2	3
0	1	1	0	0	0	1

TABLE 211. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	41	40	46	30	44	35
39	40	39	45	29	43	34
38	39	38	43	28	42	33
37	38	37	42	28	41	32
36	37	36	41	27	39	31
35	36	34	40	26	38	30
34	35	33	39	26	37	29
33	34	32	37	25	36	28
32	33	31	36	24	35	27
31	32	30	35	24	33	26
30	31	29	34	23	32	24
29	30	28	33	22	31	23
28	29	26	31	22	30	22
27	28	25	30	21	29	21
26	27	24	29	20	27	20
25	26	23	28	20	26	19
24	25	22	27	19	25	18
23	24	21	25	18	24	17
22	23	20	24	18	23	16
21	23	18	23	17	22	15
20	22	17	22	16	20	14
19	21	16	21	16	19	13
18	20	15	19	15	18	12
17	19	14	18	14	17	11
16	18	13	17	14	16	10
15	17	12	16	13	14	9
14	16	10	[illegible]	12	13	8
13	15	9	13	11	12	7
12	14	8	12	11	11	6
11	13	7	11	10	10	5
10	12	6	10	9	8	4
9	11	5	9	9	7	3
8	10	4	7	8	6	2
7	9	2	6	7	5	1
6	8	1	5	7	4	0
5	7	0	4	6	2	- 1
4	6	- 1	3	5	1	- 3
3	5	- 2	1	5	0	- 4
2	4	- 3	0	4	- 1	- 5
1	4	- 4	- 1	3	- 2	- 6
0	3	- 6	- 2	3	- 3	- 7

TABLE 212. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	40	45	29	44	34
39	38	38	44	29	42	33
38	37	37	43	28	41	32
37	36	36	41	27	40	31
36	35	35	40	27	39	30
35	34	34	39	26	37	29
34	33	32	39	25	36	28
33	32	31	36	24	35	27
32	31	30	35	24	34	26
31	30	29	34	23	32	25
30	29	28	33	22	31	23
29	28	26	31	22	30	22
28	27	25	30	21	28	21
27	26	24	29	20	27	20
26	25	23	27	19	26	19
25	24	22	26	19	25	18
24	23	20	25	18	23	17
23	22	19	24	17	22	16
22	21	18	22	17	21	15
21	20	17	21	16	20	14
20	18	16	20	15	18	12
19	17	14	19	14	17	11
18	16	13	17	14	16	10
17	15	12	16	13	15	9
16	14	11	15	12	13	8
15	13	9	14	12	12	7
14	12	8	12	11	11	6
13	11	7	11	10	10	5
12	10	6	10	9	8	4
11	9	5	9	9	7	3
10	8	3	7	8	6	1
9	7	2	6	7	5	0
8	6	1	5	7	3	-1
7	5	0	4	6	2	-2
6	4	-1	2	5	1	-3
5	3	-3	1	5	0	-4
4	2	-4	0	4	-2	-5
3	1	-5	-2	3	-3	-6
2	0	-6	-3	2	-4	-7
1	-2	-7	-4	2	-5	-8
0	-3	-9	-5	1	-7	-9

TABLE 213. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	43	43	49	31	47	38
42	42	42	48	31	46	37
41	41	41	47	30	45	36
40	40	40	46	30	44	35
39	39	40	45	29	43	34
38	38	39	44	28	42	33
37	37	38	43	28	41	32
36	37	37	42	27	40	31
35	36	36	40	27	39	30
34	35	36	39	26	38	29
33	34	35	38	26	37	28
32	33	34	37	25	36	28
31	32	33	36	24	35	27
30	31	32	35	24	34	26
29	30	31	34	23	33	25
28	30	31	33	23	32	24
27	29	30	32	22	31	23
26	28	29	31	21	29	22
25	27	28	30	21	28	21
24	26	27	29	20	27	20
23	25	26	28	20	26	19
22	24	26	27	19	25	18
21	23	25	26	18	24	18
20	22	24	25	18	23	17
19	22	23	24	17	22	16
18	21	22	23	17	21	15
17	20	21	22	16	20	14
16	19	21	21	15	19	13
15	18	20	20	15	18	12
14	17	19	18	14	17	11
13	16	18	17	14	16	10
12	15	17	16	13	15	9
11	15	16	15	13	14	8
10	14	16	14	12	13	8
9	13	15	13	11	12	7
8	12	14	12	11	11	6
7	11	13	11	10	10	5
6	10	12	10	10	9	4
5	9	11	9	9	8	3
4	8	11	8	8	6	2
3	8	10	7	8	5	1

TABLE 213. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	7	9	6	7	4	0
1	6	8	5	7	3	- 1
0	5	7	4	6	2	- 2

TABLE 214. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	44	44	44	32	48	39
49	43	43	43	32	47	38
48	42	42	42	31	46	37
47	41	42	41	30	45	36
46	40	41	40	30	44	35
45	39	40	39	29	44	34
44	39	39	38	29	43	33
43	38	38	[illegible]	28	42	33
42	37	38	37	28	41	32
41	36	37	36	27	40	31
40	35	36	35	26	39	30
39	34	35	34	26	38	29
38	34	34	33	25	37	28
37	33	34	32	25	36	27
36	32	33	31	24	35	26
35	31	32	30	24	34	26
34	30	31	29	23	33	25
33	29	30	28	23	32	24
32	29	30	27	22	31	23
31	28	29	26	21	30	22
30	27	28	25	21	29	21
29	26	27	24	20	28	20
28	25	27	23	20	27	20
27	24	26	22	19	26	19
26	24	25	21	19	25	18
25	23	24	20	18	24	17
24	22	23	19	17	23	16
23	21	23	18	17	22	15
22	20	22	18	16	21	14
21	19	21	17	16	20	13
20	19	20	16	15	19	13
19	18	19	15	15	18	12
18	17	19	14	14	17	11
17	16	18	13	14	16	10
16	15	17	12	13	15	9
15	14	16	11	12	14	8
14	14	15	10	12	13	7
13	13	15	9	11	12	7
12	12	14	8	11	11	6
11	11	13	7	10	10	5
10	10	12	6	10	9	4

TABLE 214. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	[illegible]	11	5	9	8	3
8	9	11	4	8	7	2
7	8	10	3	8	6	1
6	7	9	2	7	5	0
5	6	8	1	7	4	0
4	5	8	0	6	3	- 1
3	4	7	- 1	6	2	- 2
2	4	6	- 2	5	1	- 3
1	3	5	- 2	5	0	- 4
0	2	4	- 3	4	- 1	- 5

TABLE 215. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 1 (VOCABULARY)

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	41	41	41	46	45	36
29	39	40	39	45	43	34
28	38	38	37	43	41	32
27	36	37	36	41	40	31
26	35	35	34	39	38	29
25	33	34	32	38	36	28
24	32	33	31	36	34	26
23	30	31	29	34	32	25
22	29	30	27	32	31	23
21	27	28	26	30	29	22
20	26	27	24	29	27	20
19	24	26	22	27	25	19
18	23	24	20	25	24	17
17	21	23	19	23	22	15
16	20	21	17	22	20	14
15	18	20	15	20	18	12
14	17	19	14	18	17	11
13	15	17	12	16	15	9
12	14	16	10	14	13	8
11	12	14	9	13	11	6
10	11	13	7	11	9	5
9	9	12	5	9	8	3
8	8	10	4	7	6	2
7	7	9	2	6	4	0
6	5	7	0	4	2	- 2
5	4	6	- 2	2	1	- 3
4	2	4	- 3	0	- 1	- 5
3	1	3	- 5	- 2	- 3	- 6
2	- 1	2	- 7	- 3	- 5	- 8
1	- 2	0	- 8	- 5	- 6	- 9
0	- 4	- 1	- 10	- 7	- 8	- 11

TABLE 216. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	39	39	38	44	28	33
41	37	38	37	43	28	32
40	37	37	36	42	27	31
39	36	36	35	41	27	30
38	35	36	34	40	26	30
37	34	35	33	39	26	29
36	33	34	32	38	25	28
35	32	33	31	37	25	27
34	32	32	30	36	24	26
33	31	32	29	35	23	25
32	30	31	29	34	23	24
31	29	30	28	33	22	23
30	28	29	27	32	22	23
29	27	29	26	31	21	22
28	27	28	25	30	21	21
27	26	27	24	29	20	20
26	25	26	23	28	19	19
25	24	25	22	27	19	18
24	23	25	21	26	18	17
23	22	24	20	25	18	16
22	22	23	19	24	17	16
21	21	22	18	23	17	15
20	20	21	17	22	16	14
19	19	21	16	21	16	13
18	18	20	15	20	15	12
17	17	19	14	19	14	11
16	16	18	13	18	14	10
15	16	17	12	17	13	10
14	15	17	11	16	13	9
13	14	16	10	15	12	8
12	13	15	9	14	12	7
11	12	14	8	13	11	6
10	11	13	7	12	10	5
9	11	13	7	10	10	4
8	10	12	6	9	9	3
7	9	11	5	8	9	3
6	8	10	4	7	8	2
5	7	9	3	6	8	1
4	6	9	2	5	7	0
3	6	8	1	4	6	- 1
2	5	7	0	3	6	- 2

TABLE 216. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	4	6	- 1	2	5	- 3
0	3	5	- 2	1	5	- 4

TABLE 217. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	53	53	55	61	38	59
47	52	52	53	60	38	58
46	51	51	52	59	37	57
45	50	50	51	58	36	56
44	49	49	50	56	36	55
43	48	48	49	55	35	54
42	47	47	48	54	34	52
41	46	46	47	53	34	51
40	45	45	46	52	33	50
39	44	44	45	51	32	49
38	43	43	44	49	32	48
37	42	43	42	48	31	47
36	41	42	41	47	30	46
35	40	41	40	46	30	44
34	39	40	39	45	29	43
33	38	39	38	44	28	42
32	37	38	37	43	28	41
31	36	37	36	41	27	40
30	35	36	35	40	27	39
29	34	35	34	39	26	37
28	33	34	33	38	25	36
27	33	33	32	37	25	35
26	32	32	30	36	24	34
25	31	32	29	34	23	33
24	30	31	28	33	23	32
23	29	30	27	32	22	31
22	28	29	26	31	21	30
21	27	28	25	30	21	28
20	26	27	24	29	20	27
19	25	26	23	28	19	26
18	24	25	22	26	19	25
17	23	24	21	25	18	24
16	22	23	19	24	18	23
15	21	22	18	23	17	21
14	20	22	17	22	16	20
13	19	21	16	21	16	19
12	18	20	15	20	15	18
11	17	19	14	18	14	17
10	16	18	13	17	14	16
9	15	17	12	16	13	15
8	14	16	11	15	12	13

TABLE 217. ANCHOR TEST .QUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	13	15	10	14	12	12
6	12	14	9	13	11	11
5	11	13	7	11	10	10
4	10	12	6	10	10	9
3	9	11	5	9	9	8
2	8	11	4	8	8	7
1	8	10	3	7	8	5
0	7	9	2	6	7	4

TABLE 218. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	43
39	39	40	47	29	42	39
38	38	39	45	28	41	37
37	37	37	43	27	40	34
36	36	36	41	27	39	32
35	35	35	40	26	38	30
34	35	34	38	25	37	28
33	34	33	37	25	36	26
32	33	32	36	24	35	25
31	32	30	35	24	34	24
30	31	29	33	23	33	22
29	31	27	32	22	32	21
28	30	26	31	22	31	20
27	29	25	30	21	29	19
26	28	23	28	21	28	18
25	27	22	27	20	26	17
24	26	21	26	19	25	16
23	25	19	25	19	24	16
22	24	18	24	18	22	15
21	23	17	22	17	21	14
20	22	16	21	17	19	14
19	21	15	20	16	18	13
18	20	14	19	15	17	12
17	19	13	18	15	16	12
16	18	13	17	14	15	11
15	17	12	16	13	14	10
14	16	11	15	12	13	10
13	14	11	14	11	12	9
12	13	10	13	10	11	8
11	12	9	12	10	10	8
10	11	8	11	9	9	7
9	10	7	10	8	8	6
8	9	7	9	7	8	5
7	8	6	8	6	7	5
6	7	5	7	5	6	4
5	6	4	6	4	5	3
4	4	3	5	3	4	2
3	3	2	4	2	3	1
2	2	1	3	1	2	1
1	1	0	2	1	1	0
0	0	0	1	0	1	0

TABLE 219. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
40	40	42	49	30	42	44
39	39	41	47	29	42	40
38	38	39	45	28	41	37
37	37	38	43	27	40	35
36	36	36	41	27	39	32
35	35	35	39	26	38	29
34	33	33	38	25	37	27
33	32	32	36	24	36	25
32	31	30	34	24	34	24
31	30	28	33	23	33	22
30	28	26	31	22	31	20
29	27	25	30	21	29	19
28	26	23	28	21	28	18
27	25	22	27	20	26	17
26	24	20	26	19	25	16
25	23	19	25	19	23	16
24	22	18	23	18	22	15
23	21	17	22	17	20	14
22	20	16	21	17	19	13
21	19	15	20	16	18	13
20	18	14	19	15	17	12
19	17	13	18	15	16	12
18	16	13	17	14	15	11
17	15	12	17	13	14	11
16	15	12	16	13	13	10
15	14	11	15	12	12	10
14	13	10	14	11	12	9
13	12	10	13	10	11	8
12	11	9	12	9	10	8
11	10	8	11	9	9	7
10	9	8	11	8	9	6
9	8	7	10	7	8	6
8	7	6	9	6	7	5
7	7	5	8	6	6	4
6	5	4	6	5	6	3
5	5	4	5	4	5	3
4	4	3	4	3	4	2
3	3	2	4	2	3	1
2	2	1	3	1	2	1
1	1	0	2	0	1	0
0	1	0	1	0	1	0

TABLE 220. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART I (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
43	40	40	50	30	42	47
42	40	40	49	30	42	44
41	40	39	48	30	42	41
40	39	39	47	29	41	39
39	38	38	45	28	41	37
38	38	37	44	28	40	35
37	37	37	43	27	40	33
36	36	36	41	27	39	32
35	35	35	40	26	38	30
34	34	35	39	25	38	29
33	33	34	38	25	37	27
32	33	33	36	24	36	26
31	32	33	35	24	35	25
30	31	32	34	23	34	24
29	30	32	33	23	33	23
28	30	31	33	23	33	22
27	29	30	32	22	32	21
26	28	30	31	22	31	20
25	27	29	30	21	30	19
24	27	29	29	21	29	19
23	26	28	28	21	28	18
22	25	27	27	20	27	17
21	25	27	27	20	26	17
20	24	26	26	19	25	16
19	23	25	25	19	23	16
18	22	24	24	18	22	15
17	21	23	23	17	21	14
16	20	22	22	17	20	14
15	19	21	20	16	18	13
14	18	20	19	15	17	12
13	16	18	18	14	15	11
12	15	17	16	13	14	10
11	14	15	15	12	12	10
10	12	14	14	11	11	9
9	11	12	12	9	10	8
8	10	11	11	8	9	7
7	9	9	10	7	8	6
6	8	8	9	6	7	5
5	6	7	7	5	6	4
4	5	6	6	4	5	3
3	4	5	5	3	4	2

TABLE 220. ANCHOR TEST QUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
2	3	3	4	2	3	2
1	2	2	3	1	2	1
0	1	1	2	0	1	0

TABLE 221. ANCHOR TEST EQUATING STUDY; GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
50	40	40	43	30	42	47
49	40	40	42	30	42	44
48	40	39	41	30	42	41
47	39	39	40	29	42	40
46	39	38	40	29	41	38
45	38	38	39	28	41	37
44	38	37	38	28	40	36
43	37	37	37	27	40	34
42	37	37	37	27	39	33
41	36	36	36	26	39	32
40	35	35	35	26	38	30
39	35	35	34	26	38	29
38	34	34	33	25	37	28
37	33	34	33	25	36	26
36	32	33	32	24	36	25
35	31	32	31	24	35	24
34	31	32	30	23	34	23
33	30	31	29	23	33	22
32	29	31	27	22	32	21
31	28	30	26	22	31	20
30	27	29	25	21	30	20
29	27	29	24	21	29	19
28	26	28	23	20	28	18
27	25	27	22	20	26	17
26	24	26	21	19	25	16
25	23	25	20	19	24	16
24	22	25	19	18	23	15
23	22	24	18	18	22	15
22	21	23	17	17	20	14
21	20	22	16	17	19	13
20	19	21	15	16	18	13
19	18	20	14	15	17	12
18	17	19	13	14	16	12
17	16	18	13	14	14	11
16	15	16	12	13	13	10
15	14	15	11	12	13	10
14	13	14	10	11	12	9
13	12	13	10	10	11	8
12	11	12	9	9	10	7
11	10	11	8	8	9	7
10	9	10	7	7	8	6

TABLE 221. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR WORD KNOWLEDGE

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
9	8	8	6	7	8	5
8	7	8	6	6	7	5
7	6	7	5	5	6	4
6	5	6	4	5	5	3
5	4	5	3	4	4	2
4	3	3	2	2	3	2
3	2	2	1	1	2	1
2	1	1	1	1	1	0
1	0	1	0	0	1	0
0	0	0	0	0	1	0

TABLE 222. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 1 (VOCABULARY)

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	SRA (71 ED.) BLUE FORM E VOCABULARY	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	40	40	42	49	42	43
29	39	39	40	47	42	40
28	38	38	39	45	41	37
27	37	37	37	43	40	33
26	35	36	35	40	38	30
25	34	34	33	38	37	27
24	32	33	31	36	35	25
23	30	32	29	34	33	23
22	29	30	27	31	31	21
21	27	29	24	29	29	19
20	25	27	22	27	27	17
19	24	26	20	25	24	16
18	22	24	18	24	22	15
17	21	23	16	22	20	14
16	19	21	15	20	18	13
15	18	20	14	19	17	12
14	16	18	13	18	15	11
13	15	17	12	16	14	11
12	14	15	11	15	13	10
11	13	14	10	14	12	9
10	12	13	10	13	11	8
9	11	12	9	12	10	7
8	9	10	8	11	9	6
7	8	9	7	10	8	6
6	7	8	6	8	7	5
5	6	7	5	7	6	4
4	5	5	4	5	5	3
3	4	4	3	4	4	2
2	3	3	2	4	3	1
1	2	2	1	3	2	1
0	1	1	0	2	1	0

TABLE 223. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	40	39	41	48	30	41
41	39	38	39	46	28	38
40	37	37	38	43	27	35
39	36	36	36	41	27	32
38	35	35	35	40	26	30
37	34	34	33	38	25	28
36	33	33	32	37	25	26
35	32	33	31	35	24	25
34	31	32	30	34	23	23
33	30	31	29	33	23	22
32	29	31	28	32	22	21
31	28	30	26	31	22	21
30	28	29	25	30	22	20
29	27	29	24	29	21	19
28	26	28	23	28	21	18
27	26	27	22	28	20	18
26	25	27	22	27	20	17
25	24	26	21	26	19	16
24	23	26	20	25	19	16
23	23	25	19	24	18	15
22	22	24	18	23	18	15
21	21	23	17	23	18	14
20	21	23	16	22	17	14
19	20	22	16	21	17	13
18	19	21	15	20	16	13
17	18	20	14	19	15	12
16	17	19	14	19	15	12
15	16	18	13	18	14	11
14	15	17	12	17	13	11
13	14	16	12	16	12	10
12	13	15	11	15	12	9
11	12	13	10	13	10	9
10	11	12	9	12	9	8
9	10	11	8	11	8	7
8	9	9	7	10	7	6
7	7	8	6	8	6	5
6	6	7	5	7	5	4
5	5	6	4	6	4	3
4	4	4	3	5	3	2
3	3	3	2	4	2	2
2	2	2	1	3	1	1

TABLE 223. ANCHOR TEST JUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E VOCABULARY	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	1	1	0	2	0	0
0	1	0	0	1	0	0

TABLE 224. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	40	40	43	50	30	42
47	40	40	43	50	30	42
46	40	40	43	50	30	42
45	40	40	42	50	30	42
44	40	40	42	49	30	42
43	40	40	42	49	30	42
42	40	40	41	48	30	42
41	40	39	41	48	30	42
40	39	39	41	47	29	42
39	39	39	40	47	29	41
38	39	38	39	46	29	41
37	38	38	39	45	28	41
36	38	38	38	44	28	40
35	37	37	38	44	28	40
34	37	37	37	43	27	40
33	37	37	37	42	27	39
32	36	36	36	41	27	39
31	36	36	36	41	26	39
30	35	35	35	40	26	38
29	35	35	34	39	26	38
28	34	35	34	38	25	37
27	33	34	33	38	25	37
26	33	34	32	37	25	36
25	32	33	32	36	24	35
24	31	32	31	35	24	35
23	31	32	30	34	23	34
22	30	31	28	33	23	33
21	29	31	27	32	22	32
20	28	30	26	31	22	31
19	27	29	24	29	21	29
18	26	28	23	28	21	28
17	25	27	22	27	20	26
16	24	26	20	25	19	24
15	22	24	18	24	18	22
14	21	23	17	22	17	20
13	19	21	15	21	16	18
12	18	20	14	19	15	16
11	16	18	13	17	14	15
10	14	16	12	16	13	13
9	13	14	11	14	11	12
8	12	13	10	13	10	11

TABLE 224. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY	CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY	ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY	MAT (70 ED.) INTERMEDIATE FORM F WORD KNOWLEDGE	STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)	SRA (71 ED.) BLUE FORM E VOCABULARY
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	10	11	8	12	9	9
6	9	10	7	10	8	8
5	8	8	6	9	6	7
4	6	7	5	7	5	6
3	5	6	4	6	4	5
2	4	4	3	4	3	4
1	2	2	1	3	2	3
0	1	1	0	2	0	1

LIST OF EQUATING TABLES AT GRADE 5
READING COMPREHENSION

Methods	Tests	Table Numbers
Procedure 1: Linear Method	CAT	225
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Procedure 1: Equipercentile Method	CAT	232
	CTBS	233
	ITBS	234
	MAT	235
	STEP II	236
	SRA	237
	SAT	238
Procedure 2: Linear Method	CAT	239
	CTBS	240
	ITBS	241
	MAT	242
	STEP II	243
	SRA	244
	SAT	245
Procedure 2: Equipercentile Method	CAT	246
	CTBS	247
	ITBS	248
	MAT	249
	STEP II	250
	SRA	251
	SAT	252
Procedure 3: Linear Method	CAT	253
	CTBS	254
	ITBS	255
	MAT	256
	STEP II	257
	SRA	258
	SAT	259
Procedure 3: Equipercentile Method	CAT	260
	CTBS	261
	ITBS	262
	MAT	263
	STEP II	264
	SRA	265
	SAT	266
Average of Procedures 1 and 2 Linear Method	CAT	267
	CTBS	268
	ITBS	269
	MAT	270
	STEP II	271
	SRA	272
	SAT	273
Average of Procedures 1 and 2 Equipercentile Method	CAT	274
	CTBS	275
	ITBS	276
	MAT	277
	STEP II	278
	SRA	279
	SAT	280

TABLE 225. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	48	66	44	30	48	53
41	47	65	42	29	46	52
40	46	63	41	28	45	50
39	45	61	40	27	44	49
38	43	59	39	26	43	47
37	42	57	38	26	41	46
36	41	55	37	25	40	44
35	40	54	35	24	39	43
34	39	52	34	23	38	41
33	37	50	33	22	36	40
32	36	48	32	22	35	38
31	35	46	31	21	34	37
30	34	44	30	20	33	35
29	33	43	29	19	31	34
28	31	41	27	18	30	33
27	30	39	26	18	29	31
26	29	37	25	17	28	30
25	28	35	24	16	26	28
24	27	34	23	15	25	27
23	25	32	22	14	24	25
22	24	30	20	14	22	24
21	23	28	19	13	21	22
20	22	26	1[illegible]	12	20	21
19	21	24	17	11	19	19
18	20	23	16	10	17	18
17	18	21	15	9	16	16
16	17	19	13	9	15	15
15	16	17	12	8	14	13
14	15	15	11	7	12	12
13	14	13	10	6	11	10
12	12	12	9	5	10	9
11	11	10	8	5	9	7
10	10	8	6	4	7	6
9	9	6	5	3	6	4
8	8	4	4	2	5	3
7	6	2	3	1	4	1
6	5	1	2	1	2	0
5	4	- 1	1	0	1	- 2
4	3	- 3	- 1	- 1	0	- 3
3	2	- 5	- 2	- 2	- 1	- 5
2	0	- 7	- 3	- 3	- 3	- 6

TABLE 225. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	- 1	- 9	- 4	- 4	- 4	- 8
0	- 2	- 10	- 5	- 4	- 5	- 9

TABLE 226, ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	39	62	41	28	44	50
44	39	60	40	27	43	48
43	38	59	39	26	42	47
42	37	57	38	26	41	46
41	36	56	37	25	40	45
40	35	54	36	24	39	43
39	34	52	35	24	38	42
38	34	51	34	23	37	41
37	33	49	33	22	36	40
36	32	48	32	21	35	38
35	31	46	31	21	34	37
34	30	45	30	20	33	36
33	29	43	29	19	32	35
32	29	42	28	19	31	33
31	28	40	27	18	30	32
30	27	39	26	17	29	31
29	26	37	25	17	28	30
28	25	36	24	16	26	28
27	24	34	23	15	25	27
26	24	33	22	15	24	26
25	23	31	21	14	23	25
24	22	29	20	13	22	23
23	21	28	19	13	21	22
22	20	26	18	12	20	21
21	19	25	17	11	19	20
20	18	23	16	11	18	18
19	18	22	[illegible]	10	17	17
18	17	20	14	9	16	16
17	16	19	13	9	15	15
16	15	17	12	8	14	13
15	14	16	11	7	13	12
14	13	14	10	7	12	11
13	13	13	9	6	11	10
12	12	11	8	5	10	8
11	11	10	7	4	8	7
10	10	8	6	4	7	6
9	9	6	6	3	6	5
8	8	5	5	2	5	3
7	8	3	4	2	4	2
6	7	2	3	1	3	1
5	6	0	2	0	2	0

TABLE 226. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	5	- 1	1	0	1	- 2
3	4	- 3	0	- 1	0	- 3
2	3	- 4	- 1	- 2	- 1	- 4
1	3	- 6	- 2	- 2	- 2	- 5
0	2	- 7	- 3	- 3	- 3	- 7

TABLE 227. ANCHOR TEST EQUATING STUCY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	46	53	48	33	53	60
73	46	52	48	33	52	59
72	45	52	47	32	52	58
71	45	51	47	32	51	57
70	44	51	46	31	50	56
69	43	50	45	31	50	56
68	43	49	45	30	49	55
67	42	49	44	30	48	54
66	42	48	43	30	47	53
65	41	47	43	29	47	52
64	41	47	42	29	46	51
63	40	46	41	28	45	51
62	40	45	41	28	45	50
61	39	45	40	27	44	49
60	39	44	40	27	43	48
59	38	43	39	26	43	47
58	37	43	38	26	42	47
57	37	42	38	26	41	46
56	36	41	37	25	41	45
55	36	41	36	25	40	44
54	35	40	36	24	39	43
53	35	39	35	24	39	42
52	34	39	34	23	38	42
51	34	38	34	23	37	41
50	33	37	33	22	36	40
49	33	37	33	22	36	39
48	32	36	32	22	35	38
47	31	36	3[illegible]	21	34	38
46	31	35	31	21	34	37
45	30	34	30	20	33	36
44	30	34	29	20	32	35
43	29	33	29	19	32	34
42	29	32	28	19	31	34
41	28	32	27	18	30	33
40	28	31	27	18	30	32
39	27	30	26	18	29	31
38	27	30	26	17	28	30
37	26	29	25	17	27	29
36	25	28	24	16	27	29
35	25	28	24	16	26	28
34	24	27	23	15	25	27

TABLE 227. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	24	26	22	15	25	26
32	23	26	22	14	24	25
31	23	25	21	14	23	25
30	22	24	21	14	23	24
29	22	24	20	13	22	23
28	21	23	19	13	21	22
27	21	22	19	12	21	21
26	20	22	18	12	20	20
25	19	21	17	11	19	20
24	19	21	17	11	19	19
23	18	20	16	10	18	18
22	18	19	15	10	17	17
21	17	19	15	10	16	16
20	17	18	14	9	16	16
19	16	17	14	9	15	15
18	16	17	13	8	14	14
17	15	16	12	8	14	13
16	15	15	12	7	13	12
15	14	15	11	7	12	11
14	13	14	10	6	12	11
13	13	13	10	6	11	10
12	12	13	9	6	10	9
11	12	12	8	5	10	8
10	11	11	8	5	9	7
9	11	11	7	4	8	7
8	10	10	7	4	7	6
7	10	9	6	3	7	5
6	9	9	5	3	6	4
5	9	8	5	3	5	3
4	8	7	4	2	5	3
3	7	7	3	2	4	2
2	7	6	3	1	3	1
1	6	6	2	1	3	0
0	6	5	1	0	2	-1

TABLE 228. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 1, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	43	50	69	31	49	55
44	42	49	67	30	48	54
43	42	48	66	29	47	53
42	41	47	64	29	46	51
41	40	46	62	28	45	50
40	39	44	61	27	44	49
39	38	43	59	27	43	48
38	37	42	58	26	42	46
37	36	41	56	25	41	45
36	36	40	55	24	40	44
35	35	39	53	24	38	42
34	34	38	51	23	37	41
33	33	37	50	22	36	40
32	32	36	48	22	35	39
31	31	35	47	21	34	37
30	30	34	45	20	33	36
29	30	33	43	20	32	35
28	29	32	42	19	31	33
27	28	31	40	18	30	32
26	27	30	39	17	29	31
25	26	29	37	17	29	30
24	25	28	36	16	26	28
23	24	27	34	15	25	27
22	23	26	32	15	24	26
21	23	25	31	14	23	24
20	22	24	29	13	22	23
19	21	23	28	13	21	22
18	20	22	26	12	20	21
17	19	21	25	11	19	19
16	18	20	23	10	18	18
15	17	19	21	10	17	17
14	17	18	20	9	16	15
13	16	17	18	8	15	14
12	15	16	17	8	13	13
11	14	15	15	7	12	12
10	13	14	14	6	11	10
9	12	13	12	6	10	9
8	11	12	10	5	9	8
7	11	11	9	4	8	6
6	10	10	7	4	7	5
5	9	9	6	3	6	4

TABLE 228. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 1, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	8	8	4	2	5	3
3	7	7	3	1	4	1
2	6	6	1	1	3	0
1	5	4	- 1	0	2	- 1
0	5	3	- 2	- 1	0	- 2

TABLE 229. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

PROCEDURE 1, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	49	67	44	48	54
29	41	47	65	43	47	52
28	40	46	63	41	45	50
27	39	44	60	40	44	48
26	38	43	58	38	42	47
25	36	41	56	37	40	45
24	35	40	54	35	39	43
23	34	38	51	34	37	41
22	33	37	49	33	36	39
21	31	35	47	31	34	37
20	30	34	45	30	33	36
19	29	32	42	28	31	34
18	28	31	40	27	30	32
17	26	30	38	25	28	30
16	25	28	36	24	26	28
15	24	27	33	23	25	26
14	23	25	31	21	23	25
13	21	24	29	20	22	23
12	20	22	27	18	20	21
11	19	21	24	17	19	19
10	18	19	22	15	17	17
9	17	18	20	14	16	15
8	15	16	18	13	14	14
7	14	15	15	11	12	12
6	13	13	13	10	11	10
5	12	12	11	8	9	[illegible]
4	10	10	9	7	8	6
3	9	9	6	5	6	4
2	8	7	4	4	5	3
1	7	6	2	3	3	1
0	5	5	0	1	2	-1

TABLE 230. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	42	48	67	44	30	54
47	42	48	65	43	29	53
46	41	47	64	42	29	51
45	40	46	63	41	28	50
44	39	45	61	40	27	49
43	38	44	60	39	27	48
42	38	43	58	38	26	47
41	37	42	57	37	25	45
40	36	41	55	37	25	44
39	35	40	54	36	24	43
38	34	39	52	35	24	42
37	34	38	51	34	23	41
36	33	37	49	33	22	40
35	32	36	48	32	22	38
34	31	35	47	31	21	37
33	30	34	45	30	20	36
32	30	33	44	29	20	35
31	29	32	42	28	19	34
30	28	31	41	27	18	32
29	27	30	39	26	18	31
28	26	30	38	25	17	30
27	26	29	36	25	16	29
26	25	28	35	24	16	28
25	24	27	34	23	15	27
24	23	26	32	22	15	25
23	22	25	31	21	14	24
22	22	24	29	20	13	23
21	21	23	28	19	13	22
20	20	22	26	18	12	21
19	19	21	25	17	11	19
18	19	20	23	16	11	18
17	18	19	22	15	10	17
16	17	18	20	14	9	16
15	16	17	19	14	9	15
14	15	16	18	13	8	14
13	15	15	16	12	7	12
12	14	14	15	11	7	11
11	13	13	13	10	6	10
10	12	13	12	9	5	9
9	11	12	10	8	5	8
8	11	11	9	7	4	6

TABLE 230. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	10	10	7	6	4	5
6	9	9	6	5	3	4
5	8	8	5	4	2	3
4	7	7	3	3	2	2
3	7	6	2	2	1	1
2	6	5	0	2	0	- 1
1	5	4	- 1	1	0	- 2
0	4	3	- 3	0	- 1	- 3

TABLE 231. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE I, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	49	57	80	52	36	57
63	49	56	78	51	35	56
62	48	55	77	50	34	55
61	47	54	76	50	34	54
60	47	53	75	49	33	53
59	46	53	73	48	33	53
58	45	52	72	47	32	52
57	44	51	71	46	32	51
56	44	50	70	46	31	50
55	43	49	68	45	31	49
54	42	49	67	44	30	48
53	42	48	66	43	30	47
52	41	47	65	43	29	47
51	40	46	64	42	28	46
50	40	45	62	41	28	45
49	39	45	61	40	27	44
48	38	44	60	39	27	43
47	38	43	59	39	26	42
46	37	42	57	38	26	42
45	36	41	56	37	25	41
44	36	41	55	36	25	40
43	35	40	54	36	24	39
42	34	39	53	35	24	38
41	34	38	51	34	23	37
40	33	37	50	33	22	36
39	32	37	49	32	22	36
38	32	36	48	32	21	35
37	31	35	46	31	21	34
36	30	34	45	30	20	33
35	30	33	44	29	20	32
34	29	33	43	29	19	31
33	28	32	41	28	19	31
32	28	31	40	27	18	30
31	27	30	39	26	18	29
30	26	29	38	25	17	28
29	26	29	37	25	16	27
28	25	28	35	24	16	26
27	24	27	34	23	15	25
26	24	26	33	22	15	25
25	23	25	32	22	14	24
24	22	25	30	21	14	23

TABLE 231. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 1, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	22	24	29	20	13	22
22	21	23	28	19	13	21
21	20	22	27	18	12	20
20	20	21	26	18	12	20
19	19	21	24	17	11	19
18	18	20	23	16	11	18
17	18	19	22	15	10	17
16	17	18	21	15	9	16
15	16	17	19	14	9	15
14	16	17	18	13	8	14
13	15	16	17	12	8	14
12	14	15	16	11	7	13
11	14	14	14	11	7	12
10	13	13	13	10	6	11
9	12	13	12	9	6	10
8	12	12	11	8	5	9
7	11	11	10	7	5	9
6	10	10	8	7	4	8
5	10	9	7	6	3	7
4	9	9	6	5	3	6
3	8	8	5	4	2	5
2	8	7	3	4	2	4
1	7	6	2	3	1	3
0	6	5	1	2	1	3

TABLE 232. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	45	71	45	30	48	62
41	44	69	43	29	46	59
40	43	66	42	28	45	56
39	42	63	41	27	44	53
38	41	61	40	27	43	50
37	41	59	38	26	42	48
36	40	57	37	25	41	46
35	39	55	36	24	40	44
34	38	53	35	24	38	42
33	38	51	34	23	37	40
32	37	49	32	22	36	38
31	36	46	31	21	34	36
30	35	44	30	20	33	34
29	34	42	29	19	32	33
28	33	40	27	18	30	31
27	31	37	26	17	28	29
26	30	35	24	16	27	27
25	29	33	23	15	25	26
24	27	31	22	14	24	24
23	26	29	21	14	23	23
22	24	27	19	13	21	22
21	23	26	18	12	20	21
20	21	24	17	11	19	20
19	20	23	16	11	18	19
18	19	22	15	10	17	18
17	17	21	14	9	16	17
16	16	20	13	9	15	16
15	15	19	13	8	14	15
14	14	18	12	8	13	14
13	13	17	11	7	12	13
12	12	16	10	7	12	13
11	11	15	10	6	11	12
10	10	14	9	6	10	11
9	9	12	8	5	9	10
8	9	11	7	4	8	8
7	8	9	6	4	7	7
6	7	8	6	3	6	6
5	6	7	5	3	5	5
4	5	6	4	2	5	5
3	4	4	3	2	4	4
2	2	3	2	1	3	3

TABLE 232. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	1	2	1	0	3	3
0	0	1	0	0	2	2

TABLE 233. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	71	45	30	48	63
44	41	69	43	29	47	59
43	40	66	42	28	45	56
42	39	63	40	27	44	53
41	38	60	39	26	43	50
40	36	57	38	25	41	47
39	35	55	36	24	39	43
38	34	52	34	23	38	41
37	32	49	33	22	36	39
36	31	47	31	21	35	36
35	30	44	30	20	33	34
34	29	42	29	19	32	33
33	28	40	27	18	30	31
32	27	38	26	18	29	30
31	27	36	25	17	28	29
30	26	35	24	16	27	27
29	25	33	23	15	26	26
28	25	32	22	15	25	25
27	24	31	22	14	24	24
26	23	29	21	14	23	23
25	22	28	20	13	22	22
24	22	27	19	13	21	22
23	21	26	18	12	20	21
22	21	25	18	11	20	20
21	20	24	17	11	19	20
20	19	23	16	11	18	19
19	18	22	16	10	17	18
18	18	22	15	10	17	17
17	17	21	14	9	16	17
16	16	20	14	9	15	16
15	15	19	13	8	14	15
14	14	18	12	8	13	14
13	13	17	11	7	12	13
12	12	16	10	7	11	13
11	11	15	10	6	11	12
10	10	13	9	5	9	10
9	9	12	8	5	8	9
8	7	10	6	4	7	7
7	6	8	6	3	6	6
6	5	7	5	3	6	6
5	4	6	4	2	5	5

TABLE 233. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	3	5	3	2	4	4
3	3	4	2	1	4	4
2	2	3	2	1	3	3
1	1	2	1	0	2	2
0	0	1	0	0	2	2

TABLE 234. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	42	45	45	30	48	64
73	42	45	45	30	48	64
72	42	45	45	30	48	64
71	42	45	45	30	48	62
70	42	45	44	30	47	61
69	41	44	43	29	47	59
68	41	44	43	29	46	58
67	40	43	42	29	45	57
66	40	43	42	28	45	55
65	40	43	41	28	45	55
64	39	42	41	28	44	54
63	39	42	40	27	44	53
62	39	42	40	27	43	51
61	38	41	39	27	43	50
60	38	41	39	26	42	49
59	37	41	38	26	42	48
58	37	40	38	26	41	47
57	36	40	37	25	41	46
56	36	40	37	25	40	45
55	35	39	36	25	40	44
54	35	39	36	24	39	43
53	34	38	35	24	38	42
52	34	38	34	23	38	41
51	33	38	34	23	37	40
50	33	37	33	23	37	39
49	32	37	33	22	36	38
48	32	37	32	22	36	37
47	31	36	32	22	35	37
46	31	36	31	21	34	36
45	30	35	30	21	34	35
44	30	35	30	20	33	34
43	30	35	29	20	3[illegible]	33
42	29	34	29	19	32	33
41	29	34	28	19	31	32
40	28	33	27	18	30	31
39	28	32	27	18	29	30
38	27	32	26	17	29	30
37	27	31	26	17	28	29
36	27	31	25	17	28	28
35	26	30	24	16	27	28
34	26	30	24	16	26	27

TABLE 234. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	25	29	23	15	25	26
32	25	28	23	15	25	25
31	24	27	22	14	24	24
30	24	27	21	14	23	24
29	23	26	21	14	23	23
28	22	25	20	13	22	22
27	22	24	19	13	21	22
26	21	23	18	12	20	21
25	21	22	18	12	20	20
24	20	21	17	11	19	19
23	19	20	16	10	18	19
22	18	19	15	10	17	18
21	17	17	14	9	16	17
20	16	16	14	9	15	16
19	15	15	13	8	14	15
18	14	14	12	8	13	14
17	13	13	11	7	13	14
16	12	12	11	7	12	13
15	11	11	10	6	11	12
14	10	11	9	6	10	11
13	10	10	8	5	9	10
12	9	9	8	5	9	9
11	8	9	7	4	8	9
10	8	8	7	4	7	8
9	7	8	6	4	7	7
8	6	7	6	4	6	6
7	5	6	5	3	6	6
6	5	5	4	3	5	5
5	4	4	3	2	4	4
4	3	3	2	1	4	4
3	2	2	2	1	3	3
2	1	1	1	0	3	3
1	0	0	0	0	2	2
0	0	0	0	0	1	1

TABLE 235. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	45	72	30	48	63
44	42	45	70	30	47	61
43	41	44	69	29	46	59
42	40	43	67	28	45	56
41	39	42	64	28	44	54
40	39	42	62	27	43	52
39	38	41	60	26	43	49
38	37	40	[illegible]	26	41	47
37	36	40	56	25	40	45
36	35	39	55	24	39	44
35	34	38	53	24	38	42
34	33	38	51	23	37	40
33	33	37	50	22	36	39
32	32	37	48	22	35	37
31	31	36	46	21	34	36
30	30	35	44	20	33	34
29	29	34	43	20	32	33
28	29	34	41	19	31	32
27	28	33	40	18	30	31
26	27	32	38	17	29	30
25	27	31	36	17	28	28
24	26	30	34	16	26	27
23	25	29	33	15	25	26
22	24	28	31	15	24	25
21	23	26	30	14	23	24
20	23	25	28	13	22	23
19	22	24	27	12	21	21
18	21	23	25	12	20	21
17	20	21	24	11	19	20
16	19	20	23	10	18	19
15	18	18	22	10	17	18
14	17	17	21	9	16	16
13	16	15	19	8	15	15
12	14	14	18	8	14	14
11	13	13	17	7	12	13
10	12	12	15	6	11	12
9	10	11	14	6	10	11
8	9	10	13	5	9	10
7	8	9	11	4	8	8
6	7	8	9	4	7	7
5	5	6	7	3	6	6

TABLE 235. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	4	5	6	2	5	5
3	3	4	5	2	4	4
2	2	3	4	1	3	3
1	1	1	2	1	3	3
0	0	0	1	0	2	2

TABLE 236. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

PROCEDURE 1, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	45	71	45	48	62
29	41	44	68	43	46	58
28	40	43	65	41	45	55
27	38	42	62	40	43	51
26	37	41	59	39	42	48
25	36	40	56	37	40	45
24	35	39	54	35	39	43
23	33	38	51	34	37	40
22	32	37	48	32	36	38
21	31	36	46	31	34	36
20	30	35	44	30	33	34
19	29	34	42	28	31	32
18	28	33	39	27	30	31
17	27	31	37	26	28	29
16	26	30	35	24	27	27
15	25	28	32	23	25	26
14	24	27	30	21	24	24
13	22	25	28	20	22	22
12	21	23	26	19	20	21
11	20	21	24	17	19	20
10	18	19	22	15	17	18
9	17	17	20	14	15	16
8	15	15	19	12	14	15
7	13	13	17	11	12	13
6	11	11	15	10	11	12
5	9	10	13	8	9	10
4	7	8	10	7	7	8
3	5	6	7	5	6	6
2	4	4	5	3	4	5
1	2	2	3	2	3	3
0	0	1	1	0	2	2

TABLE 237. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	42	45	72	45	30	63
47	42	44	70	44	30	60
46	41	44	68	43	29	58
45	40	43	66	42	28	56
44	39	42	63	41	27	53
43	38	41	61	40	27	50
42	37	41	59	39	26	49
41	36	40	57	38	25	47
40	35	39	56	37	25	45
39	35	39	54	36	24	43
38	34	38	52	35	24	41
37	33	38	51	34	23	40
36	32	37	49	33	22	38
35	31	36	47	32	22	37
34	31	36	46	31	21	35
33	30	35	44	30	20	34
32	29	34	43	29	20	33
31	29	34	41	28	19	32
30	28	33	40	27	18	31
29	27	32	38	26	18	30
28	27	31	37	25	17	29
27	26	30	35	25	16	28
26	26	29	34	24	16	27
25	25	28	32	23	15	26
24	24	27	31	22	14	24
23	23	26	30	21	14	23
22	23	25	28	20	13	22
21	22	24	27	19	12	22
20	21	23	26	18	12	21
19	20	21	24	17	11	20
18	19	20	23	16	11	19
17	18	19	22	15	10	18
16	17	17	21	14	9	17
15	16	16	20	13	9	16
14	15	15	19	13	8	15
13	14	14	18	12	8	14
12	13	13	16	11	7	13
11	12	12	15	10	6	12
10	10	11	14	9	6	11
9	9	10	13	8	5	10
8	8	9	11	7	5	9

TABLE 237. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 1, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	7	8	9	6	4	7
6	6	7	8	5	3	6
5	5	5	6	4	3	5
4	3	4	4	3	2	4
3	2	2	3	2	1	3
2	0	0	1	0	0	2
1	0	0	0	0	0	1
0	0	0	0	0	0	0

TABLE 238. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 1. EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	42	45	72	45	30	48
63	42	45	72	45	30	48
62	42	45	71	45	30	48
61	42	45	70	44	30	47
60	41	44	69	44	29	47
59	41	44	69	43	29	47
58	41	44	68	43	29	46
57	41	43	67	42	29	46
56	40	43	67	42	28	45
55	40	43	66	42	28	45
54	39	42	64	41	28	44
53	39	42	63	41	27	44
52	39	42	63	40	27	44
51	38	42	62	40	27	43
50	38	41	61	39	27	43
49	37	41	60	39	26	42
48	37	41	59	38	26	42
47	37	40	58	38	26	41
46	36	40	57	37	25	41
45	36	40	56	37	25	40
44	35	39	55	36	25	40
43	35	39	54	36	24	39
42	34	39	53	35	24	39
41	34	38	52	34	23	38
40	33	38	51	34	23	37
39	33	37	50	33	23	37
38	32	37	49	33	22	36
37	32	36	48	32	22	35
36	31	36	46	31	21	35
35	31	35	45	31	21	34
34	30	35	44	30	20	33
33	29	34	43	29	20	32
32	29	34	41	28	19	31
31	28	33	40	27	18	30
30	28	32	39	26	18	29
29	27	31	37	26	17	28
28	26	31	36	25	16	27
27	26	30	34	24	16	26
26	25	29	33	23	15	25
25	25	28	32	22	15	25
24	24	27	30	21	14	24

TABLE 238. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 1, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	23	26	29	21	14	23
22	22	25	28	20	13	22
21	21	23	26	19	12	21
20	20	22	25	18	11	19
19	19	20	24	17	11	18
18	18	19	22	16	10	17
17	17	18	21	15	10	16
16	16	16	20	14	9	15
15	15	15	19	13	8	14
14	14	14	18	12	8	13
13	13	13	16	11	7	12
12	11	12	15	10	6	11
11	10	11	14	9	6	10
10	9	10	13	8	5	9
9	9	9	12	8	5	8
8	8	8	10	7	4	8
7	7	8	9	6	4	7
6	6	7	7	5	3	6
5	4	5	6	4	2	5
4	3	4	4	3	2	4
3	2	2	3	1	1	3
2	0	0	1	0	0	2
1	0	0	0	0	0	1
0	0	0	0	0	0	0

TABLE 239. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	48	66	44	30	48	53
41	47	65	42	29	46	52
40	46	63	41	28	45	50
39	44	61	40	27	44	49
38	43	59	39	27	43	47
37	42	57	38	26	41	46
36	41	56	37	25	40	44
35	40	54	36	24	39	43
34	39	52	34	23	38	42
33	37	50	33	23	36	40
32	36	48	32	22	35	39
31	35	47	31	21	34	37
30	34	45	30	20	33	36
29	33	43	29	19	32	34
28	32	41	28	19	30	33
27	30	40	26	18	29	31
26	29	38	25	17	28	30
25	28	36	24	16	27	29
24	27	34	23	15	25	27
23	26	32	22	15	24	26
22	25	31	21	14	23	24
21	23	29	20	13	22	23
20	22	27	18	12	20	21
19	21	25	17	11	19	20
18	20	23	16	11	18	18
17	19	22	15	10	17	17
16	18	20	14	9	15	16
15	16	18	13	8	14	14
14	15	16	11	7	13	13
13	14	14	10	7	12	11
12	13	13	9	6	11	10
11	12	11	8	5	9	8
10	11	9	7	4	8	7
9	9	7	6	3	7	5
8	8	6	5	3	6	4
7	7	4	3	2	4	3
6	6	2	2	1	3	1
5	5	0	1	0	2	0
4	4	- 2	0	- 1	1	- 2
3	2	- 3	- 1	- 1	- 1	- 3
2	1	- 5	- 2	- 2	- 2	- 5

TABLE 239. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	0	- 7	- 3	- 3	- 3	- 6
0	- 1	- 9	- 5	- 4	- 4	- 8

TABLE 240. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	40	62	41	28	44	49
44	39	60	40	27	43	48
43	38	59	39	26	42	47
42	37	57	38	26	41	46
41	36	55	37	25	40	44
40	35	54	36	24	39	43
39	34	53	35	24	38	42
38	34	51	34	23	37	41
37	33	50	33	22	36	40
36	32	48	32	22	35	38
35	31	47	31	21	34	37
34	30	45	30	20	33	36
33	29	43	29	19	32	35
32	28	42	28	19	31	33
31	28	40	27	18	30	32
30	27	39	26	17	29	31
29	26	37	25	17	28	30
28	25	36	24	16	26	28
27	24	34	23	15	25	27
26	23	33	22	15	24	26
25	22	31	21	14	23	25
24	22	30	20	13	22	23
23	21	28	19	13	21	22
22	20	27	18	12	20	21
21	19	25	17	11	19	20
20	18	24	16	11	18	18
19	17	22	15	10	17	17
18	16	20	14	9	16	16
17	16	19	13	9	15	15
16	15	17	12	8	14	14
15	14	16	11	7	13	12
14	13	14	10	6	12	11
13	12	13	9	6	11	10
12	11	11	8	5	10	9
11	10	10	7	4	9	7
10	10	8	6	4	7	6
9	9	7	5	3	6	5
8	8	5	4	2	5	4
7	7	4	3	2	4	2
6	6	2	2	1	3	1
5	5	1	1	0	2	0

TABLE 240. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	4	- 1	0	0	1	- 1
3	4	- 3	- 1	- 1	0	- 3
2	3	- 4	- 2	- 2	- 1	- 4
1	2	- 6	- 3	- 2	- 2	- 5
0	1	- 7	- 4	- 3	- 3	- 6

TABLE 241. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	46	53	49	33	53	59
73	46	52	48	33	52	58
72	45	52	47	32	51	58
71	45	51	47	32	51	57
70	44	50	46	31	50	56
69	44	50	45	31	49	55
68	43	49	45	30	49	54
67	42	48	44	30	48	54
66	42	48	43	30	47	53
65	41	47	43	29	47	52
64	41	46	42	29	46	51
63	40	46	41	28	45	50
62	40	45	41	28	45	50
61	39	45	40	27	44	49
60	39	44	40	27	43	48
59	38	43	39	26	43	47
58	37	43	38	26	42	46
57	37	42	38	26	41	46
56	36	41	37	25	40	45
55	36	41	36	25	40	44
54	35	40	36	24	39	43
53	35	39	35	24	38	42
52	34	39	34	23	38	41
51	33	38	34	23	37	41
50	33	37	33	22	36	40
49	32	37	33	22	36	39
48	32	36	32	22	35	38
47	31	35	31	21	34	37
46	31	35	31	21	34	37
45	30	34	30	20	33	36
44	30	33	29	20	32	35
43	29	33	29	19	31	34
42	28	32	28	19	31	33
41	28	31	27	18	30	33
40	27	31	27	18	29	32
39	27	30	26	18	29	31
38	26	30	25	17	28	30
37	26	29	25	17	27	[illegible]
36	25	28	24	16	27	29
35	25	28	24	16	26	28
34	24	27	23	15	25	27

TABLE 241. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	23	26	22	15	25	26
32	23	26	22	14	24	25
31	22	25	21	14	23	25
30	22	24	20	13	23	24
29	21	24	20	13	22	23
28	21	23	19	13	21	22
27	20	22	18	12	20	21
26	20	22	18	12	20	21
25	19	21	17	11	19	20
24	18	20	16	11	18	19
23	18	20	16	10	18	18
22	17	19	15	10	17	17
21	17	18	15	9	16	16
20	16	18	14	9	16	16
19	16	17	13	9	15	15
18	15	[illegible]	13	8	14	14
17	14	16	12	8	14	13
16	14	15	11	7	13	12
15	13	15	11	7	12	12
14	13	14	10	6	12	11
13	12	13	9	6	11	10
12	12	13	9	5	10	9
11	11	12	8	5	9	8
10	11	11	8	5	9	8
9	10	11	7	4	8	7
8	9	10	6	4	7	6
7	9	9	6	3	7	5
6	8	9	5	3	6	4
5	8	8	4	2	5	4
4	7	7	4	2	5	3
3	7	7	3	1	4	2
2	6	6	2	1	3	1
1	6	5	2	1	3	0
0	5	5	1	0	2	0

TABLE 242. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	43	49	69	31	49	55
44	42	48	67	30	48	54
43	42	47	65	29	47	52
42	41	46	64	29	46	51
41	40	45	62	28	45	50
40	39	44	61	27	44	49
39	38	43	59	27	43	47
38	37	42	58	26	42	46
37	36	41	56	25	41	45
36	35	40	55	24	39	44
35	35	39	53	24	38	42
34	34	38	51	23	37	41
33	33	37	50	22	36	40
32	32	36	48	22	35	38
31	31	35	47	21	34	37
30	30	34	45	20	33	36
29	29	33	44	20	32	35
28	28	32	42	19	31	33
27	28	31	41	18	30	32
26	27	30	39	17	29	31
25	26	29	37	17	28	30
24	25	28	36	16	27	28
23	24	27	34	15	25	27
22	23	26	33	15	24	26
21	22	25	31	14	23	25
20	22	24	30	13	22	23
19	21	23	28	13	21	22
18	20	22	26	12	20	21
17	19	21	25	11	19	20
16	18	20	23	11	18	18
15	17	19	22	10	17	17
14	16	18	20	9	16	16
13	15	17	19	8	15	15
12	15	16	17	8	14	13
11	14	15	16	7	13	12
10	13	14	14	6	11	11
9	12	13	12	6	10	10
8	11	12	11	5	9	8
7	10	11	9	4	8	7
6	9	10	8	4	7	6
5	8	9	6	3	6	5

TABLE 242. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	8	8	5	2	5	3
3	7	7	3	1	4	2
2	6	6	2	1	3	1
1	5	5	0	0	2	0
0	4	4	- 2	- 1	1	- 2

TABLE 243. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

PROCEDURE 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	49	67	44	48	54
29	41	47	65	43	47	52
28	40	46	63	41	45	50
27	39	44	60	40	43	48
26	37	43	58	38	42	46
25	36	41	56	37	40	45
24	35	40	54	36	39	43
23	34	38	51	34	37	41
22	32	37	49	33	36	39
21	31	35	47	31	34	37
20	30	34	45	30	33	36
19	29	32	43	28	31	34
18	27	31	40	27	30	32
17	26	30	38	25	28	30
16	25	28	36	24	26	28
15	24	27	34	23	25	27
14	22	25	31	21	23	25
13	21	24	29	20	22	23
12	20	22	27	18	20	21
11	19	21	25	17	19	19
10	17	19	22	15	17	18
9	16	18	20	14	16	16
8	15	16	18	12	14	14
7	14	15	16	11	13	12
6	12	13	13	10	11	10
5	11	12	11	8	9	8
4	10	11	9	7	8	7
3	9	9	7	5	6	5
2	7	8	4	4	5	3
1	6	6	2	2	3	1
0	5	5	0	1	2	-1

TABLE 244. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	42	48	67	44	30	54
47	42	48	66	43	29	52
46	41	47	64	42	29	51
45	40	46	63	41	28	50
44	39	45	61	40	27	49
43	38	44	60	39	27	48
42	38	43	58	38	26	47
41	37	42	57	38	25	45
40	36	41	55	37	25	44
39	35	40	54	36	24	43
38	34	39	53	35	24	42
37	34	38	51	34	23	41
36	33	37	50	33	22	40
35	32	36	48	32	22	38
34	31	35	47	31	21	37
33	30	34	45	30	20	36
32	29	33	44	29	20	35
31	29	32	42	28	19	34
30	28	31	41	27	18	33
29	27	30	40	26	18	31
28	26	30	38	25	17	30
27	25	29	37	25	16	29
26	25	28	35	24	16	28
25	24	27	34	23	15	27
24	23	26	32	22	14	26
23	22	25	31	21	14	24
22	21	24	29	20	13	23
21	21	23	[illegible]	19	13	22
20	20	22	26	18	12	21
19	19	21	25	17	11	20
18	18	20	24	16	11	19
17	17	19	22	15	10	17
16	17	18	21	14	9	16
15	16	17	19	13	9	15
14	15	16	18	12	8	14
13	14	15	16	12	7	13
12	13	14	15	11	7	11
11	12	13	13	10	6	10
10	12	13	12	9	5	9
9	11	12	10	8	5	8
8	10	11	9	7	4	7

TABLE 244. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM C COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	9	10	8	6	3	6
6	8	9	6	5	3	4
5	8	8	5	4	2	3
4	7	7	3	3	2	2
3	6	6	2	2	1	1
2	5	5	0	1	0	0
1	4	4	- 1	0	0	- 1
0	4	3	- 3	- 1	- 1	- 3

TABLE 245. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	50	57	80	52	36	57
63	49	56	79	52	35	56
62	48	55	78	51	35	55
61	48	54	76	50	34	54
60	47	54	75	49	34	54
59	46	53	74	48	33	53
58	46	52	73	48	32	52
57	45	51	71	47	32	51
56	44	50	70	46	31	50
55	43	50	69	45	31	49
54	43	49	68	44	30	48
53	42	48	66	44	30	48
52	41	47	65	43	29	47
51	41	46	64	42	29	46
50	40	46	63	41	28	45
49	39	45	61	40	27	44
48	39	44	60	40	27	43
47	38	43	59	39	26	42
46	37	42	58	38	26	42
45	37	42	56	37	25	41
44	36	41	55	36	25	40
43	35	40	54	36	24	39
42	34	39	53	35	24	38
41	34	38	51	34	23	37
40	33	37	50	33	23	36
39	32	37	49	32	22	36
38	32	36	48	32	21	35
37	31	35	47	31	21	34
36	30	34	45	30	20	33
35	30	33	44	29	20	32
34	29	33	43	29	19	31
33	28	32	42	28	19	30
32	27	31	40	27	18	30
31	27	30	39	26	18	29
30	26	29	38	25	17	28
29	25	29	37	25	16	27
28	25	28	35	24	16	26
27	24	27	34	23	15	25
26	23	26	33	22	15	24
25	23	25	32	21	14	24
24	22	25	30	21	14	23

TABLE 245. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	21	24	29	20	13	22
22	21	23	28	19	13	21
21	20	22	27	18	12	20
20	19	21	25	17	11	19
19	18	21	24	17	11	19
18	18	20	23	16	10	18
17	17	19	22	15	10	17
16	16	18	20	14	9	16
15	16	17	19	13	9	15
14	15	16	18	13	8	14
13	14	16	17	12	8	13
12	14	15	16	11	7	13
11	13	14	14	10	6	12
10	12	13	13	9	6	11
9	12	12	12	9	5	10
8	11	12	11	8	5	9
7	10	11	9	7	4	8
6	9	10	8	6	4	7
5	9	9	7	5	3	7
4	8	8	6	5	3	6
3	7	8	4	4	2	5
2	7	7	3	3	1	4
1	6	6	2	2	1	3
0	5	5	1	1	0	2

TABLE 246. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	45	72	45	30	48	62
41	44	68	43	29	46	58
40	43	66	42	28	45	56
39	42	64	41	28	44	54
38	41	62	40	27	43	51
37	40	60	39	26	42	49
36	40	57	37	26	41	47
35	39	55	36	25	40	44
34	38	53	35	24	39	42
33	37	51	34	23	37	40
32	37	49	33	22	36	38
31	36	47	31	21	35	36
30	35	44	30	20	33	34
29	34	42	28	19	31	32
28	33	40	27	18	30	30
27	32	38	26	17	28	29
26	31	36	25	16	27	28
25	29	34	23	15	25	26
24	28	32	22	14	24	25
23	27	30	21	14	23	23
22	25	28	20	13	21	22
21	24	27	18	12	20	21
20	22	25	17	12	19	20
19	21	24	16	11	18	19
18	19	23	15	10	17	18
17	18	21	14	10	16	18
16	16	20	14	9	15	17
15	15	19	13	9	14	16
14	14	18	12	8	14	15
13	13	17	11	7	13	14
12	12	16	10	7	12	13
11	11	15	10	6	11	12
10	10	14	9	6	10	11
9	9	12	8	5	9	10
8	8	11	7	4	9	9
7	7	9	6	4	8	7
6	6	7	5	3	7	6
5	5	6	4	3	6	5
4	4	5	3	2	5	4
3	3	3	2	1	4	3
2	2	2	1	1	4	2

TABLE 246. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM C COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	1	0	0	0	3	1
0	0	0	0	0	2	0

TABLE 247. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	73	45	30	48	63
44	42	70	44	30	47	60
43	40	67	42	29	46	57
42	39	64	41	28	44	54
41	38	61	39	27	43	51
40	37	59	38	26	42	48
39	35	56	37	25	40	45
38	34	53	35	24	39	42
37	33	50	33	23	37	39
36	31	47	32	21	35	36
35	30	45	30	20	33	34
34	29	42	29	19	32	32
33	28	40	27	18	30	31
32	27	38	26	18	29	29
31	26	37	25	17	27	28
30	26	35	24	16	26	27
29	25	33	23	15	25	26
28	24	32	22	14	24	25
27	23	30	21	14	23	24
26	23	29	20	13	22	23
25	22	28	20	13	21	22
24	21	27	19	12	20	21
23	21	26	18	12	20	21
22	20	25	17	11	19	20
21	19	24	17	11	18	20
20	19	23	16	11	18	19
19	18	23	15	10	17	18
18	17	22	15	10	16	18
17	17	21	14	9	16	17
16	16	20	13	9	15	17
15	15	19	13	8	14	16
14	14	18	12	8	14	15
13	13	17	11	7	13	14
12	12	16	10	7	12	13
11	11	14	9	6	11	12
10	10	13	9	6	10	11
9	9	12	8	5	9	9
8	8	10	7	4	8	8
7	7	9	6	4	7	7
6	6	7	5	3	6	5
5	5	6	4	2	6	5

TABLE 247. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT ('64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	4	4	3	2	5	4
3	3	3	2	1	4	3
2	2	2	1	1	4	2
1	1	0	0	0	3	1
0	0	0	0	0	2	0

TABLE 248. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	42	45	45	30	48	64
73	42	45	45	30	48	63
72	42	45	45	30	48	62
71	42	44	44	30	47	61
70	42	44	44	30	47	60
69	41	44	44	30	47	60
68	41	44	43	29	46	59
67	41	43	43	29	46	57
66	40	43	42	29	45	56
65	40	42	41	[illegible]	45	55
64	39	42	41	28	44	54
63	39	42	40	27	44	53
62	38	41	40	27	43	52
61	38	41	39	27	43	50
60	37	41	39	26	42	49
59	37	40	38	26	42	48
58	36	40	38	26	41	47
57	36	39	37	25	41	46
56	35	39	37	25	40	45
55	35	39	36	25	40	44
54	34	38	36	24	39	43
53	34	38	35	24	39	42
52	33	38	35	23	38	41
51	33	37	34	23	37	40
50	33	37	33	23	37	39
49	32	37	33	22	36	38
48	32	36	32	22	36	37
47	31	36	32	21	35	36
46	31	36	31	21	34	35
45	30	35	30	21	34	35
44	30	35	30	20	33	34
43	30	34	29	20	32	33
42	29	34	29	19	32	32
41	29	34	28	19	31	31
40	28	33	27	18	30	31
39	28	32	27	18	29	30
38	27	32	26	17	28	29
37	27	31	25	17	28	28
36	26	31	25	16	27	28
35	26	30	24	16	26	27
34	25	30	23	15	25	26

TABLE 248. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	25	29	23	15	25	25
32	24	28	22	14	24	25
31	24	27	22	14	23	24
30	23	27	21	14	23	23
29	22	26	20	13	22	23
28	22	25	19	13	21	22
27	21	24	19	12	20	21
26	21	23	18	12	20	21
25	20	22	17	11	19	20
24	19	21	17	11	18	19
23	18	20	16	11	17	19
22	18	18	15	10	17	18
21	17	17	14	10	16	17
20	16	16	13	9	15	17
19	15	15	13	8	14	16
18	14	14	12	8	14	15
17	13	13	11	7	13	14
16	12	13	11	7	12	13
15	11	12	10	6	11	12
14	10	11	9	6	11	11
13	10	10	8	5	10	11
12	9	9	8	5	9	10
11	9	9	7	5	9	9
10	8	8	7	4	8	8
9	7	7	6	4	8	7
8	6	7	6	4	7	6
7	6	6	5	3	6	6
6	5	5	[illegible]	3	6	5
5	4	5	4	2	5	4
4	4	4	3	2	5	4
3	3	3	2	1	4	3
2	2	2	1	1	4	2
1	2	2	1	0	3	2
0	1	1	0	0	3	1

TABLE 249. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	45	73	30	48	63
44	42	44	70	30	47	61
43	41	44	68	29	46	58
42	40	43	66	29	45	56
41	39	42	64	28	44	54
40	39	42	63	27	44	53
39	38	41	61	27	43	50
38	37	40	59	26	42	48
37	36	39	57	25	41	46
36	35	39	55	24	39	44
35	34	38	53	24	38	42
34	33	37	51	23	37	40
33	32	37	49	22	36	39
32	32	36	48	22	35	37
31	31	36	46	21	34	36
30	30	35	44	20	33	34
29	30	34	43	20	32	33
28	29	34	41	19	31	32
27	28	33	40	18	30	30
26	27	32	38	17	29	29
25	26	31	37	17	27	28
24	26	30	35	16	26	27
23	25	29	33	15	25	26
22	24	28	32	14	24	25
21	23	27	30	14	23	24
20	22	26	29	13	22	23
19	22	24	27	12	21	22
18	21	23	26	12	20	21
17	20	22	25	11	19	20
16	19	20	23	11	18	19
15	18	19	22	10	17	18
14	17	17	21	9	16	17
13	15	16	19	9	15	16
12	14	14	18	8	14	15
11	13	13	17	7	13	14
10	11	12	15	7	12	13
9	10	11	14	6	11	11
8	9	10	12	5	10	10
7	8	8	11	4	9	9
6	7	7	9	4	7	7
5	6	6	7	3	7	6

TABLE 249. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	5	5	6	2	6	5
3	4	4	4	2	5	4
2	3	3	3	1	4	3
1	2	2	2	1	4	2
0	1	1	0	0	3	1

TABLE 250. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

PROCEDURE 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	45	72	45	48	62
29	41	43	68	43	46	58
28	40	42	65	41	45	55
27	38	41	62	40	43	52
26	37	40	59	38	42	48
25	35	39	56	37	40	45
24	34	38	54	36	39	43
23	33	37	51	34	37	40
22	32	37	49	33	36	38
21	31	36	46	31	34	36
20	30	35	44	30	33	34
19	29	34	42	28	31	32
18	28	33	39	27	29	30
17	27	32	38	26	28	29
16	26	30	35	24	27	27
15	25	29	33	23	25	26
14	24	28	31	22	23	24
13	22	26	29	20	22	23
12	21	23	26	18	20	21
11	19	21	24	17	18	20
10	18	19	22	15	17	18
9	16	16	20	14	15	17
8	14	15	18	12	14	15
7	12	13	16	11	12	14
6	11	11	14	9	11	12
5	9	9	12	8	9	10
4	7	8	10	6	8	8
3	6	6	7	5	6	6
2	4	4	5	3	5	4
1	3	3	3	2	4	3
0	1	1	1	0	3	1

TABLE 251. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	42	45	73	45	30	63
47	42	44	70	44	30	61
46	41	43	68	43	29	58
45	40	43	66	42	28	56
44	39	42	64	41	28	54
43	38	41	62	40	27	51
42	37	40	60	39	26	49
41	36	40	58	38	26	47
40	35	39	56	37	25	45
39	34	38	54	36	24	43
38	34	38	52	35	23	41
37	33	37	51	34	23	40
36	32	37	49	33	22	38
35	31	3[illegible]	47	32	21	36
34	31	35	46	31	21	35
33	30	35	44	30	20	34
32	29	34	43	29	20	33
31	29	34	41	28	19	32
30	28	33	40	27	18	31
29	28	32	39	26	18	30
28	27	32	38	26	17	29
27	26	31	36	25	16	28
26	26	30	35	24	16	27
25	25	29	33	23	15	26
24	24	28	32	22	14	25
23	23	27	31	21	14	24
22	23	26	29	20	13	23
21	22	25	28	19	13	22
20	21	23	26	18	12	21
19	20	22	25	17	11	20
18	19	21	24	16	11	19
17	18	19	23	15	10	18
16	17	17	21	14	10	17
15	16	16	20	13	9	17
14	14	15	19	12	8	16
13	13	14	17	11	7	14
12	12	12	16	10	7	13
11	11	11	15	10	6	12
10	10	10	13	9	6	11
9	9	9	12	8	5	9
8	8	8	10	7	4	8

TABLE 251. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	6	7	8	6	4	6
6	5	6	6	4	3	5
5	4	4	4	3	2	4
4	3	3	2	2	1	2
3	1	1	1	0	0	1
2	0	0	0	0	0	0
1	0	0	0	0	0	0
0	0	0	0	0	0	0

TABLE 252. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	42	45	74	45	30	48
63	42	45	73	45	30	48
62	42	45	72	45	30	48
61	42	44	71	44	30	47
60	42	44	70	44	30	47
59	41	44	68	43	29	46
58	41	43	68	43	29	46
57	41	43	67	42	29	46
56	40	43	66	42	29	45
55	40	42	65	41	28	45
54	39	42	64	41	28	44
53	39	42	63	40	27	44
52	38	41	62	40	27	43
51	38	41	62	39	27	43
50	38	41	61	39	27	43
49	37	40	60	39	26	42
48	37	40	59	38	26	42
47	36	40	58	38	26	41
46	36	39	57	37	25	41
45	35	39	56	37	25	40
44	35	39	55	36	25	40
43	34	38	54	36	24	39
42	34	38	53	35	24	39
41	34	38	52	35	23	38
40	33	37	51	34	23	37
39	33	37	50	33	23	37
38	32	37	49	33	22	36
37	32	36	48	32	22	36
36	31	36	47	31	21	35
35	31	35	46	31	21	34
34	30	35	44	30	20	33
33	30	34	43	29	20	32
32	29	34	42	28	19	31
31	28	33	41	28	19	30
30	28	33	39	27	18	29
29	27	32	38	26	17	28
28	26	31	37	25	17	27
27	26	30	35	24	16	26
26	25	29	34	23	15	25
25	24	29	33	22	15	24
24	24	27	31	22	14	23

TABLE 252. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	23	26	30	21	13	22
22	22	25	28	19	13	21
21	21	23	26	18	12	20
20	20	22	25	17	11	19
19	19	20	23	16	11	18
18	18	18	22	15	10	17
17	16	17	21	14	9	16
16	15	15	19	13	9	15
15	14	14	18	12	8	14
14	13	13	17	11	7	13
13	12	12	16	10	7	12
12	11	11	15	10	6	11
11	10	10	14	9	6	10
10	9	10	13	8	5	10
9	8	9	11	7	5	9
8	8	8	10	7	4	8
7	7	7	9	6	4	7
6	6	7	8	5	3	7
5	5	6	6	4	3	6
4	4	4	5	3	2	5
3	3	3	3	2	1	4
2	2	2	2	1	1	4
1	1	1	0	0	0	3
0	0	0	0	0	0	2

TABLE 253. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	47	66	43	30	47	52
41	46	64	42	29	46	51
40	45	62	41	28	44	49
39	44	60	40	27	43	48
38	43	59	38	26	42	46
37	41	57	37	26	41	45
36	40	55	36	25	39	43
35	39	53	35	24	38	42
34	38	51	34	23	37	40
33	37	49	33	22	36	39
32	35	48	31	22	34	38
31	34	46	30	21	33	36
30	33	44	29	20	32	35
29	32	42	28	19	31	33
28	31	40	27	18	29	32
27	30	38	26	18	28	30
26	28	37	24	17	27	29
25	27	35	23	16	26	27
24	26	33	22	15	24	26
23	25	31	21	14	23	24
22	24	29	20	13	22	23
21	22	28	19	13	21	21
20	21	26	18	12	19	20
19	20	24	16	11	18	18
18	19	22	15	10	17	17
17	18	20	14	9	16	16
16	16	18	13	9	14	14
15	15	17	12	8	13	13
14	14	15	11	7	12	11
13	13	13	9	6	10	10
12	12	11	8	5	9	8
11	11	9	7	5	8	7
10	9	7	6	4	7	5
9	8	6	5	3	5	4
8	7	4	4	2	4	2
7	6	2	2	1	3	1
6	5	0	1	0	2	- 1
5	3	- 2	0	0	0	- 2
4	2	- 3	- 1	- 1	- 1	- 4
3	1	- 5	- 2	- 2	- 2	- 5
2	0	- 7	- 3	- 3	- 3	- 7

TABLE 253. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	- 1	- 9	- 5	- 4	- 5	- 8
0	- 3	- 11	- 6	- 4	- 6	- 9

TABLE 254. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	40	62	41	28	45	49
44	39	61	40	27	43	48
43	38	59	39	27	42	47
42	38	58	38	26	41	46
41	37	56	37	25	40	44
40	36	55	36	25	39	43
39	35	53	35	24	38	42
38	34	51	34	23	37	41
37	33	50	33	23	36	39
36	33	48	32	22	35	38
35	32	47	31	21	34	37
34	31	45	30	21	33	36
33	30	44	29	20	32	35
32	29	42	28	19	31	33
31	28	41	27	19	30	32
30	27	39	26	18	29	31
29	27	38	25	17	28	30
28	26	36	24	17	27	28
27	25	3[illegible]	23	16	25	27
26	24	33	22	15	24	26
25	23	32	21	14	23	25
24	22	30	20	14	22	23
23	22	28	19	13	21	22
22	21	27	18	12	20	21
21	20	25	17	12	19	20
20	19	24	16	11	18	18
19	18	22	15	10	17	17
18	17	21	14	10	16	16
17	17	19	13	9	15	15
16	16	18	12	8	14	14
15	15	16	11	8	13	12
14	14	15	10	7	12	11
13	13	13	9	6	11	10
12	12	12	9	6	10	9
11	11	10	8	5	9	7
10	11	9	7	4	7	6
9	10	7	6	4	6	5
8	9	5	5	3	5	4
7	8	4	4	2	4	2
6	7	2	3	1	3	1
5	6	1	2	1	2	0

TABLE 254. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM C COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	6	- 1	1	0	1	- 1
3	5	- 2	0	- 1	0	- 3
2	4	- 4	- 1	- 1	- 1	- 4
1	3	- 5	- 2	- 2	- 2	- 5
0	2	- 7	- 3	- 3	- 3	- 6

TABLE 255. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM C COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	47	53	48	33	53	59
73	46	52	48	33	52	58
72	45	51	47	33	51	57
71	45	51	46	32	51	56
70	44	50	46	32	50	56
69	44	49	45	31	49	55
68	43	49	45	31	49	54
67	43	48	44	30	48	53
66	42	48	43	30	47	52
65	42	47	43	29	46	52
64	41	46	42	29	46	51
63	41	46	41	28	45	50
62	40	45	41	28	44	49
61	39	44	40	28	44	48
60	39	44	39	27	43	48
59	38	43	39	27	42	47
58	38	42	38	26	42	46
57	37	42	38	26	41	45
56	37	41	37	25	40	44
55	36	40	36	25	40	44
54	36	40	36	24	39	43
53	35	39	35	24	38	42
52	35	38	34	24	37	41
51	34	38	34	23	37	40
50	33	37	33	23	36	40
49	33	36	32	22	35	39
48	32	36	32	22	35	38
47	32	35	31	21	34	37
46	31	35	31	21	33	36
45	31	34	30	20	33	36
44	30	33	29	20	32	35
43	30	33	29	20	31	34
42	29	32	28	19	31	33
41	28	31	27	19	30	32
40	28	31	27	18	29	32
39	27	30	26	18	29	31
38	27	29	25	17	28	30
37	26	29	25	17	27	29
36	26	28	24	16	26	28
35	25	27	23	16	26	27
34	25	27	23	16	25	27

TABLE 255. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM C COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	47	53	48	33	53	59
73	46	52	48	33	52	58
72	45	51	47	33	51	57
71	45	51	46	32	51	56
70	44	50	46	32	50	56
69	44	49	45	31	49	55
68	43	49	45	31	49	54
67	43	48	44	30	48	53
66	42	48	43	30	47	52
65	42	47	43	29	46	52
64	41	46	42	29	46	51
63	41	46	41	28	45	50
62	40	45	41	28	44	49
61	39	44	40	28	44	48
60	39	44	39	27	43	48
59	38	43	39	27	42	47
58	38	42	38	26	42	46
57	37	42	38	26	41	45
56	37	41	37	25	40	44
55	36	40	36	25	40	44
54	36	40	36	24	39	43
53	35	39	35	24	38	42
52	35	38	34	24	37	41
51	34	38	34	23	37	40
50	33	37	33	23	36	40
49	33	36	32	22	35	39
48	32	36	32	22	35	38
47	32	35	31	21	34	37
46	31	35	31	21	33	36
45	31	34	30	20	33	36
44	30	33	29	20	32	35
43	30	33	29	20	31	34
42	29	32	28	19	31	33
41	28	31	27	19	30	32
40	28	31	27	18	29	32
39	27	30	26	18	29	31
38	27	29	25	17	28	30
37	26	29	25	17	27	29
36	26	28	24	16	26	28
35	25	27	23	16	26	27
34	25	27	23	16	25	27

TABLE 255. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	24	26	22	15	24	26
32	24	25	22	15	24	25
31	23	25	21	14	23	24
30	22	24	20	14	22	23
29	22	23	20	13	22	23
28	21	23	19	13	21	22
27	21	22	18	12	20	21
26	20	21	18	12	20	20
25	20	21	17	12	19	19
24	19	20	16	11	18	19
23	19	20	16	11	17	18
22	18	19	15	10	17	17
21	18	18	15	10	16	16
20	17	18	14	9	15	15
19	16	17	13	9	15	15
18	16	16	13	8	14	14
17	15	16	12	8	13	13
16	15	15	11	8	13	12
15	14	14	11	7	12	11
14	14	14	10	7	11	11
13	13	13	9	6	11	10
12	13	12	9	6	10	9
11	12	12	8	5	9	8
10	11	11	8	5	8	7
9	11	10	7	4	8	7
8	10	10	6	4	7	6
7	10	9	6	4	6	5
6	9	8	5	3	6	4
5	9	8	4	3	5	3
4	8	7	4	2	4	2
3	8	6	3	2	4	2
2	7	6	2	1	3	1
1	7	5	2	1	2	0
0	6	5	1	0	2	- 1

TABLE 256. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 3, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	44	49	69	31	49	55
44	43	48	67	30	48	53
43	42	47	66	30	47	52
42	41	46	64	29	46	51
41	40	45	63	28	45	50
40	39	44	61	28	44	48
39	39	43	59	27	43	47
38	38	42	58	26	41	46
37	37	41	56	25	40	45
36	36	40	55	25	39	43
35	35	39	53	24	38	42
34	34	38	52	23	37	41
33	33	37	50	23	36	40
32	33	36	48	22	35	38
31	32	35	47	21	34	37
30	31	34	45	21	33	36
29	30	33	44	20	32	34
28	29	32	42	19	31	33
27	28	31	41	19	30	32
26	27	30	39	18	29	31
25	27	29	37	17	27	29
24	26	28	36	16	26	28
23	25	27	34	16	25	27
22	24	26	33	15	24	26
21	23	25	31	14	23	24
20	22	24	30	14	22	23
19	21	23	28	13	21	22
18	21	22	27	12	20	21
17	20	21	25	12	19	19
16	19	20	23	11	18	18
15	18	19	22	10	17	17
14	17	18	20	9	16	16
13	16	17	19	9	14	14
12	15	16	17	8	13	13
11	15	15	16	7	12	12
10	14	14	14	7	11	11
9	13	13	12	6	10	9
8	12	12	11	5	9	8
7	11	11	9	5	8	7
6	10	10	8	4	7	5
5	9	9	6	3	6	4

TABLE 256. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 3, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	8	7	5	2	5	3
3	8	6	3	2	4	2
2	7	5	1	1	3	0
1	6	4	0	0	2	- 1
0	5	3	- 2	0	0	- 2

TABLE 257. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

PROCEDURE 3, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	48	67	44	47	53
29	41	46	64	42	46	51
28	40	45	62	41	44	49
27	39	43	60	39	43	47
26	38	42	58	38	41	46
25	36	41	55	36	40	44
24	35	39	53	35	38	42
23	34	38	51	34	37	40
22	33	36	49	32	35	38
21	31	35	46	31	34	37
20	30	33	44	29	32	35
19	29	32	42	28	30	33
18	28	30	40	26	29	31
17	26	29	37	25	27	29
16	25	27	35	24	26	28
15	24	26	33	22	24	26
14	23	24	31	21	23	24
13	22	23	28	19	21	22
12	20	22	26	18	20	20
11	19	20	24	16	18	18
10	18	19	22	15	16	17
9	17	17	19	13	15	15
8	15	16	17	12	13	13
7	14	14	15	11	12	11
6	13	13	13	9	10	9
5	12	11	10	8	9	8
4	10	10	8	6	7	6
3	9	8	6	5	6	4
2	8	7	4	3	4	2
1	7	5	1	2	3	0
0	6	4	-1	1	1	-1

TABLE 258. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	43	48	67	44	30	53
47	42	47	66	43	30	52
46	41	46	64	42	29	51
45	41	46	63	41	28	50
44	40	45	62	40	28	49
43	39	44	60	39	27	48
42	38	43	59	39	27	46
41	37	42	57	38	26	45
40	37	41	56	37	25	44
39	36	40	54	36	25	43
38	35	39	53	35	24	42
37	34	38	51	34	23	41
36	33	37	50	33	23	39
35	33	36	49	32	22	38
34	32	35	47	31	21	37
33	31	34	46	30	21	36
32	30	33	44	29	20	35
31	29	32	43	28	19	34
30	29	31	41	27	19	32
29	28	30	40	27	18	31
28	27	29	38	26	18	30
27	26	29	37	25	17	29
26	25	28	35	24	16	28
25	25	27	34	23	16	27
24	24	26	33	22	15	25
23	23	25	31	21	14	24
22	22	24	30	20	14	23
21	21	23	28	19	13	22
20	21	22	27	18	12	21
19	20	21	25	17	12	20
18	19	20	24	16	11	18
17	18	19	22	15	10	17
16	17	18	21	15	10	16
15	17	17	20	14	9	15
14	16	16	18	13	8	14
13	15	15	17	12	8	13
12	14	14	15	11	7	11
11	14	13	14	10	7	10
10	13	12	12	9	6	9
9	12	12	11	8	5	8
8	11	11	9	7	5	7

TABLE 258. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	10	10	8	6	4	6
6	10	9	7	5	3	4
5	9	8	5	4	3	3
4	8	7	4	3	2	2
3	7	6	2	2	1	1
2	6	5	1	2	1	0
1	6	4	-1	1	0	-1
0	5	3	-2	0	-1	-3

TABLE 259. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 3, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	50	57	80	52	36	57
63	49	56	79	52	36	56
62	49	55	78	51	35	55
61	48	54	77	50	35	55
60	47	54	75	49	34	54
59	47	53	74	49	33	53
58	46	52	73	48	33	52
57	45	51	72	47	32	51
56	45	50	71	46	32	50
55	44	50	69	45	31	49
54	43	49	68	45	31	49
53	43	48	67	44	30	48
52	42	47	66	43	30	47
51	41	46	64	42	29	46
50	41	46	63	41	29	45
49	40	45	62	41	28	44
48	39	44	61	40	27	43
47	39	43	59	39	27	43
46	38	42	58	38	26	42
45	37	42	57	37	26	41
44	36	41	56	37	25	40
43	36	40	54	36	25	39
42	35	39	53	35	24	38
41	34	38	52	34	24	37
40	34	38	51	33	23	37
39	33	37	49	33	22	36
38	32	36	48	32	22	35
37	32	35	47	31	21	34
36	31	34	46	30	21	33
35	30	33	44	29	20	32
34	30	33	43	29	20	31
33	29	32	42	28	19	31
32	28	31	41	27	19	30
31	28	30	39	26	18	29
30	27	29	38	26	17	28
29	26	29	37	25	17	27
28	26	28	36	24	16	26
27	25	27	35	23	16	25
26	24	26	33	22	15	25
25	24	25	32	22	15	24
24	23	25	31	21	14	23

TABLE 259. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 3, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	22	24	30	20	14	22
22	21	23	28	19	13	21
21	21	22	27	18	12	20
20	20	21	26	18	12	19
19	19	21	25	17	11	19
18	19	20	23	16	11	18
17	18	19	22	15	10	17
16	17	18	21	14	10	16
15	17	17	20	14	9	15
14	16	16	18	13	9	14
13	15	16	17	12	8	13
12	15	15	16	11	7	13
11	14	14	15	10	7	12
10	13	13	13	10	6	11
9	13	12	12	9	6	10
8	12	12	11	8	5	9
7	11	11	10	7	5	8
6	11	10	8	7	4	7
5	10	9	7	6	4	7
4	9	8	6	5	3	6
3	9	8	5	4	3	5
2	8	7	3	3	2	4
1	7	6	2	3	1	3
0	7	5	1	2	1	2

TABLE 260. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	45	71	45	30	48	62
41	44	68	43	29	46	58
40	43	66	41	28	45	55
39	42	63	40	28	44	52
38	41	61	39	27	43	50
37	40	59	38	26	42	48
36	39	57	37	25	40	45
35	39	55	36	25	39	43
34	38	52	35	24	38	41
33	37	50	33	23	37	39
32	36	48	32	22	35	37
31	35	45	30	21	34	35
30	34	43	29	20	32	33
29	33	41	28	19	31	31
28	32	39	26	18	29	30
27	31	37	25	17	27	28
26	29	34	24	16	26	26
25	28	32	22	15	24	25
24	26	30	21	14	23	23
23	25	29	20	13	22	22
22	23	27	19	13	20	21
21	22	25	17	12	19	20
20	20	24	16	11	18	19
19	19	23	15	10	17	18
18	18	22	15	10	16	17
17	16	20	14	9	15	16
16	15	19	13	9	15	16
15	14	19	12	8	14	15
14	13	18	11	8	13	14
13	13	16	11	7	12	13
12	12	15	10	7	11	12
11	11	14	9	6	11	11
10	10	13	8	6	10	10
9	9	12	8	5	9	9
8	8	10	7	4	8	8
7	7	9	6	4	7	7
6	6	7	5	3	6	6
5	5	6	4	3	5	5
4	5	5	3	2	5	4
3	4	4	3	2	4	3
2	3	3	2	1	3	3

TABLE 260. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	2	1	1	0	3	2
0	1	0	0	0	2	1

TABLE 261. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	71	45	30	48	63
44	41	69	43	29	47	59
43	41	67	42	29	45	56
42	39	64	41	28	44	53
41	38	61	39	27	43	50
40	37	59	38	26	41	47
39	36	56	36	25	40	44
38	34	53	35	24	38	41
37	33	50	33	23	36	39
36	32	47	32	22	35	36
35	31	45	30	21	33	34
34	30	43	29	20	32	33
33	29	41	28	19	30	31
32	28	39	26	18	29	30
31	27	37	25	17	28	28
30	27	35	24	16	26	27
29	26	34	23	16	25	26
28	25	32	22	15	24	25
27	24	31	22	15	23	24
26	24	30	21	14	22	23
25	23	29	20	13	22	22
24	22	27	19	13	21	21
23	22	26	18	12	20	21
22	21	25	18	12	19	20
21	21	25	17	11	19	20
20	20	24	16	11	18	19
19	19	23	16	11	17	18
18	18	22	15	10	17	18
17	18	21	14	10	16	17
16	17	20	14	9	15	16
15	16	19	13	9	14	16
14	15	18	12	8	14	15
13	14	17	11	7	13	14
12	13	16	10	7	12	13
11	11	15	10	6	11	12
10	10	14	9	6	10	11
9	9	12	8	5	9	9
8	8	10	7	4	8	8
7	7	8	6	4	7	7
6	6	7	5	3	6	6
5	5	6	4	2	5	5

TABLE 261. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	4	4	3	2	4	4
3	2	3	2	1	4	3
2	1	2	1	0	3	2
1	0	0	0	0	2	1
0	C	0	0	0	1	0

TABLE 262. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	42	45	45	30	48	64
73	42	45	45	30	48	64
72	42	45	45	30	48	64
71	42	45	45	30	48	62
70	42	45	44	30	47	61
69	41	44	43	29	47	60
68	41	44	43	29	46	58
67	41	43	42	29	46	57
66	40	43	42	28	45	55
65	40	42	41	28	45	54
64	39	42	41	28	44	53
63	39	42	40	28	44	52
62	39	41	40	27	43	51
61	38	41	39	27	43	50
60	38	41	39	26	42	49
59	37	40	38	26	42	48
58	37	40	38	26	41	47
57	36	40	37	26	41	46
56	36	39	37	25	40	45
55	35	39	36	25	39	44
54	35	39	35	24	39	42
53	34	38	35	24	38	41
52	34	38	34	24	38	41
51	33	37	34	23	37	40
50	33	37	33	23	36	39
49	33	37	33	23	36	38
48	32	36	32	22	35	37
47	32	36	31	22	35	36
46	31	36	31	21	34	35
45	31	35	30	21	33	34
44	30	35	30	21	33	34
43	30	34	29	20	32	33
42	30	34	28	20	31	32
41	29	33	28	19	31	31
40	29	33	27	19	30	30
39	28	32	27	[illegible]	29	30
38	28	32	26	18	28	29
37	27	31	25	17	28	28
36	27	30	25	17	27	28
35	26	30	24	16	26	27
34	26	29	24	16	26	26

TABLE 262. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	25	29	23	15	25	25
32	25	28	22	15	24	25
31	24	27	22	15	23	24
30	24	26	21	14	23	23
29	23	25	20	14	22	23
28	23	25	20	13	21	22
27	22	24	19	13	21	21
26	22	23	18	12	20	21
25	21	22	17	12	19	20
24	20	21	16	11	18	19
23	19	19	16	11	17	18
22	18	18	15	10	17	18
21	18	17	14	10	16	17
20	17	16	13	9	15	16
19	16	15	13	9	14	15
18	15	14	12	8	13	15
17	14	13	11	7	13	14
16	13	12	10	7	12	13
15	12	11	10	6	11	12
14	11	10	9	6	10	11
13	10	10	8	5	10	10
12	9	9	8	5	9	9
11	8	8	7	5	8	9
10	8	8	7	4	8	8
9	7	7	6	4	7	7
8	7	7	6	4	7	6
7	6	6	5	3	6	6
6	5	5	4	3	5	5
5	4	5	4	2	5	4
4	3	4	3	2	4	4
3	3	3	2	1	4	3
2	2	2	1	1	3	2
1	1	2	1	0	2	2
0	0	1	0	0	2	1

TABLE 263. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	45	72	30	48	63
44	42	45	70	30	47	61
43	41	44	68	29	46	58
42	41	43	67	29	45	56
41	40	42	65	28	44	54
40	39	42	63	27	43	52
39	38	41	61	27	43	50
38	37	40	59	26	42	47
37	36	39	57	25	41	45
36	35	39	55	25	39	44
35	35	38	53	24	38	42
34	34	38	52	24	37	40
33	33	37	50	23	36	38
32	32	36	48	22	35	37
31	31	36	46	22	34	35
30	31	35	45	21	33	34
29	30	34	43	20	32	33
28	29	33	41	19	31	32
27	29	33	40	19	30	30
26	28	32	38	18	28	29
25	27	31	37	17	27	28
24	26	30	35	16	26	27
23	26	29	33	15	25	25
22	25	28	32	15	24	24
21	24	26	30	14	23	23
20	23	25	29	13	22	22
19	22	24	27	13	21	21
18	22	23	26	12	20	21
17	21	21	25	12	19	20
16	20	20	23	11	18	19
15	19	18	22	10	17	18
14	17	17	21	10	16	17
13	16	15	20	9	15	16
12	15	14	18	8	14	15
11	13	13	17	7	13	14
10	12	12	16	7	11	12
9	11	11	14	6	10	11
8	10	9	13	5	9	10
7	8	8	11	4	8	9
6	7	7	9	4	7	7
5	6	6	7	3	6	6

TABLE 263. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	5	5	6	2	5	5
3	4	4	4	2	4	4
2	2	3	3	1	4	3
1	1	2	2	1	3	2
0	0	1	0	0	2	1

TABLE 264. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

PROCEDURE 3, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	45	71	45	48	62
29	41	44	68	43	46	58
28	40	42	65	41	44	54
27	38	41	62	40	43	51
26	37	40	59	38	41	47
25	36	39	56	36	40	44
24	34	38	53	35	38	41
23	33	37	50	33	37	39
22	32	36	48	32	35	37
21	31	35	45	30	33	34
20	30	34	43	29	32	33
19	29	33	41	28	30	31
18	28	32	39	26	29	29
17	27	31	37	25	27	28
16	26	29	34	24	26	26
15	25	28	32	22	24	25
14	24	26	30	21	23	23
13	23	24	28	19	21	22
12	21	22	26	18	20	20
11	20	20	24	16	18	19
10	18	18	22	15	17	18
9	17	16	20	13	15	16
8	15	14	18	12	13	15
7	13	12	16	11	12	13
6	11	11	14	9	11	11
5	9	9	12	8	9	10
4	8	8	10	6	7	8
3	6	6	7	5	6	6
2	4	5	5	3	5	4
1	2	3	3	2	3	3
0	0	1	1	0	2	1

TABLE 265. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	42	45	72	45	30	63
47	42	44	70	44	30	60
46	41	44	68	43	29	58
45	40	43	66	42	28	55
44	39	42	64	41	28	53
43	38	41	62	40	27	51
42	37	41	60	39	26	49
41	37	40	58	38	26	46
40	36	39	56	37	25	45
39	35	39	54	36	25	43
38	34	38	53	35	24	41
37	33	37	51	34	23	40
36	33	37	49	33	23	38
35	32	36	48	32	22	36
34	31	36	46	31	21	35
33	31	35	45	30	21	34
32	30	34	43	29	20	33
31	29	34	42	28	20	32
30	29	33	40	27	19	31
29	28	32	39	27	18	30
28	28	31	38	26	18	29
27	27	31	36	25	17	28
26	26	30	35	24	16	27
25	26	29	33	23	16	26
24	25	28	32	22	15	25
23	24	27	31	21	14	24
22	23	26	29	20	14	23
21	23	24	28	19	13	22
20	22	23	26	18	12	21
19	21	22	25	17	12	20
18	20	20	24	16	11	19
17	19	19	23	15	10	18
16	18	17	21	14	10	17
15	17	16	20	13	9	16
14	15	15	19	12	8	15
13	14	14	18	12	8	14
12	13	12	16	11	7	13
11	12	11	15	10	6	12
10	10	10	14	9	6	11
9	9	9	12	8	5	10
8	8	8	11	7	4	8

TABLE 265. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

PROCEDURE 3, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	7	7	9	6	4	7
6	6	6	7	5	3	6
5	4	5	5	4	2	5
4	3	4	4	3	2	3
3	2	2	2	1	1	2
2	0	1	0	0	0	1
1	0	0	0	0	0	0
0	0	0	0	0	0	0

TABLE 266. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 3, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	42	45	72	45	30	48
63	42	45	72	45	30	48
62	42	45	71	45	30	48
61	42	45	70	44	30	47
60	42	44	69	44	30	47
59	41	44	69	43	29	47
58	41	44	68	43	29	46
57	41	43	67	42	29	46
56	40	43	67	42	29	45
55	40	43	66	42	28	45
54	40	42	65	41	28	44
53	39	42	64	41	28	44
52	39	42	63	40	27	44
51	39	41	62	40	27	43
50	38	41	61	39	27	43
49	38	41	60	39	27	42
48	37	40	59	38	26	42
47	37	40	58	38	26	41
46	36	40	57	37	26	41
45	36	39	56	37	25	40
44	36	39	56	36	25	40
43	35	39	55	36	25	39
42	35	38	54	35	24	39
41	34	38	53	35	24	38
40	34	38	52	34	24	37
39	33	37	51	33	23	37
38	33	37	49	33	23	36
37	32	36	48	32	22	35
36	32	36	47	31	22	35
35	31	35	46	31	21	34
34	31	35	45	30	21	33
33	30	34	43	29	20	32
32	30	34	42	28	20	31
31	29	33	41	28	19	30
30	28	32	39	27	18	29
29	28	32	38	26	18	28
28	27	31	37	25	17	27
27	27	30	35	24	17	26
26	26	29	34	24	16	25
25	25	28	33	23	15	24
24	25	27	31	22	15	23

TABLE 266. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

PROCEDURE 3, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	24	26	30	21	14	22
22	23	25	28	20	13	21
21	22	23	27	19	13	20
20	21	22	25	17	12	19
19	20	20	24	16	11	18
18	19	19	23	15	10	17
17	18	17	21	14	10	16
16	16	16	20	13	9	15
15	15	14	19	12	8	14
14	14	13	17	11	8	13
13	13	12	16	11	7	12
12	12	11	15	10	6	11
11	11	10	14	9	6	10
10	10	10	13	8	5	9
9	9	9	12	7	5	9
8	8	8	10	7	4	8
7	7	7	9	6	4	7
6	6	7	8	5	3	6
5	5	5	6	4	3	5
4	4	4	5	3	2	5
3	3	3	3	2	1	4
2	1	2	2	1	1	3
1	0	1	0	0	0	2
0	0	0	0	0	0	1

TABLE 267. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	48	66	44	30	48	53
41	47	65	42	29	46	52
40	46	63	41	28	45	50
39	45	61	40	27	44	49
38	43	59	39	27	43	47
37	42	57	38	26	41	46
36	41	56	37	25	40	44
35	40	54	36	24	39	43
34	39	52	34	23	38	42
33	37	50	33	23	36	40
32	36	48	32	22	35	39
31	35	47	31	21	34	37
30	34	45	30	20	33	36
29	33	43	29	19	31	34
28	32	41	27	18	30	33
27	30	39	26	18	29	31
26	29	37	25	17	28	30
25	28	36	24	16	26	28
24	27	34	23	15	25	27
23	26	32	22	14	24	25
22	24	30	21	14	23	24
21	23	28	19	13	21	22
20	22	27	18	12	20	21
19	21	25	17	11	19	19
18	20	23	16	10	18	18
17	19	21	15	10	16	17
16	17	19	14	9	15	15
15	16	18	12	8	14	14
14	15	16	11	7	13	12
13	14	14	10	6	11	11
12	13	12	9	6	10	9
11	12	10	8	5	9	8
10	10	8	7	4	8	6
9	9	7	6	3	6	5
8	8	5	4	2	5	3
7	7	3	3	2	4	2
6	6	1	2	1	3	0
5	4	- 1	1	0	2	- 1
4	3	- 2	0	- 1	0	- 3
3	2	- 4	- 1	- 2	- 1	- 4
2	1	- 6	- 3	- 2	- 2	- 5

TABLE 267. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	0	- 8	- 4	- 3	- 4	- 7
0	- 1	- 10	- 5	- 4	- 5	- 8

TABLE 268. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	40	62	41	28	44	50
44	39	60	40	27	43	48
43	38	59	39	26	42	47
42	37	57	38	26	41	46
41	36	56	37	25	40	45
40	35	54	36	24	39	43
39	34	53	35	24	38	42
38	34	51	34	23	37	41
37	33	49	33	22	36	40
36	32	48	32	22	35	38
35	31	46	31	21	34	37
34	30	45	30	20	33	36
33	29	43	29	19	32	35
32	28	42	28	19	31	33
31	28	40	27	18	30	32
30	27	39	26	17	29	31
29	26	37	25	17	28	30
28	25	36	24	16	26	28
27	24	34	23	15	25	27
26	23	33	22	15	24	26
25	23	31	21	14	23	25
24	22	30	20	13	22	23
23	21	28	19	13	21	22
22	20	27	18	12	20	21
21	19	25	17	11	19	20
20	18	23	16	11	18	18
19	17	22	15	10	17	17
18	17	20	14	9	16	16
17	16	19	13	9	15	15
16	15	17	12	8	14	13
15	14	16	11	7	13	12
14	13	14	10	7	12	11
13	12	13	9	6	11	10
12	12	11	8	5	10	8
11	11	10	7	4	9	7
10	10	8	6	4	7	6
9	9	7	5	3	6	5
8	8	5	4	2	5	3
7	7	4	3	2	4	2
6	6	2	2	1	3	1
5	6	0	2	0	2	0

TABLE 26B. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	5	- 1	1	0	1	- 2
3	4	- 3	0	- 1	0	- 3
2	3	- 4	- 1	- 2	- 1	- 4
1	2	- 6	- 2	- 2	- 2	- 5
0	1	- 7	- 3	- 3	- 3	- 6

TABLE 269. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	46	53	49	33	53	59
73	46	52	48	33	52	59
72	45	52	47	32	52	58
71	45	51	47	32	51	57
70	44	50	46	31	50	56
69	44	50	45	31	50	55
68	43	49	45	30	49	55
67	42	49	44	30	48	54
66	42	48	43	30	47	53
65	41	47	43	29	47	52
64	41	47	42	29	46	51
63	40	46	41	28	45	51
62	40	45	41	28	45	50
61	39	45	40	27	44	49
60	39	44	40	27	43	48
59	38	43	39	26	43	47
58	37	43	38	26	42	46
57	37	42	38	26	41	46
56	36	41	37	25	41	45
55	36	41	36	25	40	44
54	35	40	36	24	39	43
53	35	39	35	24	38	42
52	34	39	34	23	38	42
51	34	38	34	23	37	41
50	33	37	33	22	36	40
49	32	37	33	22	36	39
48	32	36	32	22	35	38
47	31	35	31	21	34	38
46	31	35	31	21	34	37
45	30	34	30	20	33	36
44	30	34	29	20	32	35
43	29	33	29	19	32	34
42	29	32	28	19	31	34
41	28	32	27	18	30	33
40	28	31	27	18	30	32
39	27	30	26	18	29	31
38	26	30	26	17	28	30
37	26	29	25	17	27	29
36	25	28	24	16	27	29
35	25	28	24	16	26	28
34	24	27	23	15	25	27

TABLE 269. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	24	26	22	15	25	26
32	23	26	22	14	24	25
31	23	25	21	14	23	25
30	22	24	20	14	23	24
29	21	24	20	13	22	23
28	21	23	19	13	21	22
27	20	22	19	12	21	21
26	20	22	18	12	20	21
25	19	21	17	11	19	20
24	19	20	17	11	18	19
23	18	20	16	10	18	18
22	18	19	15	10	17	17
21	17	19	15	10	16	16
20	16	18	14	9	16	16
19	16	17	13	9	15	15
18	15	17	13	8	14	14
17	15	16	12	8	14	13
16	14	15	11	7	13	12
15	14	15	11	7	12	12
14	13	14	10	6	12	11
13	13	13	10	6	11	10
12	12	13	9	6	10	9
11	11	12	8	5	10	8
10	11	11	8	5	9	8
9	10	11	7	4	8	7
8	10	10	6	4	7	6
7	9	9	6	3	7	5
6	9	9	5	3	6	4
5	8	8	4	2	5	3
4	8	7	4	2	5	3
3	7	7	3	2	4	2
2	7	6	3	1	3	1
1	6	6	2	1	3	0
0	5	5	1	0	2	- 1

TABLE 270. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	43	50	69	31	49	55
44	42	49	67	30	48	54
43	42	48	66	29	47	53
42	41	46	64	29	46	51
41	40	45	62	28	45	50
40	39	44	61	27	44	49
39	38	43	59	27	43	47
38	37	42	58	26	42	46
37	36	41	56	25	41	45
36	36	40	55	24	40	44
35	35	39	53	24	38	42
34	34	38	51	23	37	41
33	33	37	50	22	36	40
32	32	36	48	22	35	39
31	31	35	47	21	34	37
30	30	34	45	20	33	36
29	29	33	44	20	32	35
28	29	32	42	19	31	33
27	28	31	40	18	30	32
26	27	30	39	17	29	31
25	26	29	37	17	28	30
24	25	28	36	16	27	28
23	24	27	34	15	25	27
22	23	26	33	15	24	26
21	23	25	31	14	23	25
20	22	24	30	13	22	23
19	21	23	28	13	21	22
18	20	22	26	12	20	21
17	19	21	25	11	19	20
16	18	20	23	11	18	18
15	17	19	22	10	17	17
14	16	18	20	9	16	16
13	16	17	19	8	15	14
12	15	16	17	8	14	13
11	14	15	15	7	12	12
10	13	14	14	6	11	11
9	12	13	12	6	10	9
8	11	12	11	5	9	8
7	10	11	9	4	8	7
6	10	10	8	4	7	5
5	9	9	6	3	6	4

TABLE 270. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	8	8	4	2	5	3
3	7	7	3	1	4	2
2	6	6	1	1	3	0
1	5	5	0	0	2	- 1
0	4	4	- 2	- 1	1	- 2

TABLE 271. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	49	67	44	48	54
29	41	47	65	43	47	52
28	40	46	63	41	45	50
27	39	44	60	40	44	48
26	38	43	58	38	42	47
25	36	41	56	37	40	45
24	35	40	54	36	39	43
23	34	38	51	34	37	41
22	33	37	49	33	36	39
21	31	35	47	31	34	37
20	30	34	45	30	33	36
19	29	32	42	28	31	34
18	28	31	40	27	30	32
17	26	30	38	25	28	30
16	25	28	36	24	26	28
15	24	27	33	23	25	27
14	23	25	31	21	23	25
13	21	24	29	20	22	23
12	20	22	27	18	20	21
11	19	21	24	17	19	19
10	18	19	22	15	17	17
9	16	18	20	14	16	16
8	15	16	18	13	14	14
7	14	15	15	11	13	12
6	13	13	13	10	11	10
5	11	12	11	8	9	8
4	10	10	9	7	8	6
3	9	9	6	5	6	5
2	8	8	4	4	5	3
1	6	6	2	3	3	1
0	5	5	0	1	2	- 1

TABLE 272. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	42	48	67	44	30	54
47	42	48	66	43	29	53
46	41	47	64	42	29	51
45	40	46	63	41	28	50
44	39	45	61	40	27	49
43	38	44	60	39	27	48
42	38	43	58	38	26	47
41	37	42	57	38	25	45
40	36	41	55	37	25	44
39	35	40	54	36	24	43
38	34	39	52	35	24	42
37	34	38	51	34	23	41
36	33	37	50	33	22	40
35	32	36	48	32	22	38
34	31	35	47	31	21	37
33	30	34	45	30	20	36
32	30	33	44	29	20	35
31	29	32	42	28	19	34
30	28	31	41	27	18	33
29	27	30	39	26	18	31
28	26	30	38	25	17	30
27	25	29	37	25	16	29
26	25	28	35	24	16	28
25	24	27	34	23	15	27
24	23	26	32	22	15	25
23	22	25	31	21	14	24
22	22	24	29	20	13	23
21	21	23	28	19	13	22
20	20	22	26	18	12	21
19	19	21	25	17	11	20
18	18	20	23	16	11	18
17	18	19	22	15	10	17
16	17	18	21	14	9	16
15	16	17	19	13	9	15
14	15	16	18	13	8	14
13	14	15	16	12	7	13
12	14	14	15	11	7	11
11	13	13	13	10	6	10
10	12	13	12	9	5	9
9	11	12	10	8	5	8
8	10	11	9	7	4	7

TABLE 272. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	10	10	8	6	4	6
6	9	9	6	5	3	4
5	8	8	5	4	2	3
4	7	7	3	3	2	2
3	6	6	2	2	1	1
2	6	5	0	1	0	0
1	5	4	- 1	1	0	- 2
0	4	3	- 3	0	- 1	- 3

TABLE 273. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	49	57	80	52	36	57
63	49	56	79	51	35	56
62	48	55	77	51	35	55
61	47	54	76	50	34	54
60	47	54	75	49	33	53
59	46	53	74	48	33	53
58	45	52	72	47	32	52
57	45	51	71	47	32	51
56	44	50	70	46	31	50
55	43	50	69	45	31	49
54	43	49	67	44	30	48
53	42	48	66	44	30	48
52	41	47	65	43	29	47
51	41	46	64	42	29	46
50	40	46	63	41	28	45
49	39	45	61	40	27	44
48	39	44	60	40	27	43
47	38	43	59	39	26	42
46	37	42	58	38	26	42
45	37	42	56	37	25	41
44	36	41	55	36	25	40
43	35	40	54	36	24	39
42	34	39	53	35	24	38
41	34	38	51	34	23	37
40	33	37	50	33	23	36
39	32	37	49	32	22	36
38	32	36	[illegible]	32	21	35
37	31	35	46	31	21	34
36	30	34	45	30	20	33
35	30	33	44	29	20	32
34	29	33	43	29	19	31
33	28	32	42	28	19	31
32	28	31	40	27	18	30
31	27	30	39	26	18	29
30	26	29	38	25	17	28
29	26	29	37	25	16	27
28	25	28	35	24	16	26
27	24	27	34	23	15	25
26	24	26	33	22	15	25
25	23	25	32	21	14	24
24	22	25	30	21	14	23

TABLE 273. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	22	24	29	20	13	22
22	21	23	28	19	13	21
21	20	22	27	18	12	20
20	19	21	26	18	12	19
19	19	21	24	17	11	19
18	18	20	23	16	10	18
17	17	19	22	15	10	17
16	17	18	21	14	9	16
15	16	17	19	14	9	15
14	15	17	18	13	8	14
13	15	16	17	12	8	14
12	14	15	16	11	7	13
11	13	14	14	10	7	12
10	13	13	13	10	6	11
9	12	13	12	9	6	10
8	11	12	11	8	5	9
7	11	11	9	7	4	8
6	10	10	8	7	4	8
5	9	9	7	6	3	7
4	9	9	6	5	3	6
3	8	8	5	4	2	5
2	7	7	3	3	2	4
1	7	6	2	3	1	3
0	6	5	1	2	1	2

TABLE 274. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
42	45	72	45	30	48	62
41	44	68	43	29	46	58
40	43	66	42	28	45	56
39	42	64	41	28	44	53
38	41	61	40	27	43	51
37	41	59	39	26	42	49
36	40	57	37	25	41	46
35	39	55	36	25	40	44
34	38	53	35	24	39	42
33	37	51	34	23	37	40
32	37	49	33	22	36	38
31	36	46	31	21	35	36
30	35	44	30	20	33	34
29	34	42	28	19	32	32
28	33	40	27	18	30	31
27	32	38	26	17	28	29
26	30	35	25	16	27	27
25	29	33	23	15	25	26
24	28	32	22	14	24	25
23	26	30	21	14	23	23
22	25	28	20	13	21	22
21	23	26	18	12	20	21
20	22	25	17	11	19	20
19	20	24	16	11	18	19
18	19	22	15	10	17	18
17	17	21	14	10	16	17
16	16	20	14	9	15	16
15	15	19	13	8	14	15
14	14	18	12	8	14	15
13	13	17	11	7	13	14
12	12	16	10	7	12	13
11	11	15	10	6	11	12
10	10	14	9	6	10	11
9	9	12	8	5	9	10
8	9	11	7	4	8	9
7	8	9	6	4	7	7
6	7	8	5	3	6	6
5	6	6	4	3	6	5
4	5	5	3	2	5	4
3	3	4	2	1	4	4
2	2	3	2	1	4	3

TABLE 274. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
1	1	1	1	0	3	2
0	0	1	0	0	2	1

TABLE 275. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	72	45	30	48	63
44	41	69	44	29	47	60
43	40	66	42	29	45	56
42	39	64	41	28	44	53
41	38	61	39	27	43	50
40	37	58	38	26	41	47
39	35	55	36	25	40	44
38	34	53	35	24	38	41
37	33	50	33	23	37	39
36	31	47	32	21	35	36
35	30	44	30	20	33	34
34	29	42	29	19	32	33
33	28	40	27	18	30	-
32	27	38	26	18	29	30
31	27	37	25	17	28	28
30	26	35	24	16	26	27
29	25	33	23	15	25	26
28	24	32	22	15	24	25
27	24	31	21	14	23	24
26	23	29	21	13	22	23
25	22	28	20	13	22	22
24	22	27	19	12	21	22
23	21	26	18	12	20	21
22	20	25	18	11	19	20
21	20	24	17	11	19	20
20	19	23	16	11	18	19
19	18	23	16	10	17	18
18	18	22	15	10	17	18
17	17	21	14	9	16	17
16	16	20	13	9	15	16
15	15	19	13	8	14	15
14	14	18	12	8	13	15
13	13	17	11	7	13	14
12	12	16	10	7	12	13
11	11	15	9	6	11	12
10	10	13	9	5	10	11
9	9	12	8	5	9	9
8	8	10	7	4	8	8
7	6	8	6	4	7	7
6	5	7	5	3	6	6
5	5	6	4	2	5	5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	4	5	3	2	5	4
3	3	3	2	1	4	3
2	2	2	1	1	3	3
1	1	1	0	0	3	2
0	0	1	0	0	2	1

TABLE 276. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM C COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
74	42	45	45	30	48	64
73	42	45	45	30	48	64
72	42	45	45	30	48	63
71	42	45	44	30	48	62
70	42	44	44	30	47	61
69	41	44	43	29	47	59
68	41	44	43	29	46	58
67	41	43	42	29	46	57
66	40	43	42	28	45	56
65	40	43	41	28	45	55
64	39	42	41	28	44	54
63	39	42	40	27	44	53
62	38	42	40	27	43	52
61	38	41	39	27	43	50
60	37	41	39	26	42	49
59	37	40	38	26	42	48
58	37	40	38	26	41	47
57	36	40	37	25	41	46
56	36	39	37	25	40	45
55	35	39	36	25	40	44
54	35	39	36	24	39	43
53	34	38	35	24	39	42
52	34	38	35	23	38	41
51	33	38	34	23	37	40
50	33	37	33	23	37	39
49	32	37	33	22	36	38
48	32	37	32	22	36	37
47	31	36	32	21	35	36
46	31	36	31	21	34	36
45	30	35	30	21	34	35
44	30	35	30	20	33	34
43	30	34	29	20	32	33
42	29	34	29	19	32	32
41	29	34	28	19	31	32
40	28	33	27	18	30	31
39	28	32	27	18	29	30
38	27	32	26	17	29	29
37	27	31	25	17	28	29
36	26	31	25	17	27	28
35	26	30	24	16	27	27
34	25	30	24	16	26	26

TABLE 276. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
33	25	29	23	15	25	26
32	24	28	22	15	24	25
31	24	27	22	14	24	24
30	23	27	21	14	23	24
29	23	26	20	13	22	23
28	22	25	20	13	22	22
27	22	24	19	12	21	22
26	21	23	18	12	20	21
25	20	22	18	12	19	20
24	20	21	17	11	18	19
23	19	20	16	11	18	19
22	18	19	15	10	17	18
21	17	17	14	9	16	17
20	16	16	14	9	15	16
19	15	15	13	8	14	16
18	14	14	12	8	14	15
17	13	13	11	7	13	14
16	12	12	11	7	12	13
15	11	12	10	6	11	12
14	10	11	9	6	10	11
13	10	10	8	5	10	10
12	9	9	8	5	9	10
11	8	9	7	5	8	9
10	8	8	7	4	8	8
9	7	8	6	4	7	7
8	6	7	6	4	7	6
7	6	6	5	3	6	6
6	5	5	4	3	6	5
5	4	4	3	2	5	4
4	3	4	3	2	4	4
3	2	3	2	1	4	3
2	2	2	1	1	3	2
1	1	1	0	0	3	2
0	1	1	0	0	2	1

TABLE 277. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
45	42	45	72	30	48	63
44	42	44	70	30	47	61
43	41	44	68	29	46	58
42	40	43	66	29	45	56
41	39	42	64	28	44	54
40	39	42	63	27	44	52
39	38	41	60	27	43	50
38	37	40	59	26	42	48
37	36	40	57	25	41	46
36	35	39	55	24	39	44
35	34	38	53	24	38	42
34	33	38	51	23	37	40
33	32	37	50	22	36	39
32	32	36	48	22	35	37
31	31	36	46	21	34	36
30	30	35	44	20	33	34
29	30	34	43	20	32	33
28	29	34	41	19	31	32
27	28	33	40	18	30	31
26	27	32	38	17	29	29
25	26	31	36	17	27	28
24	26	30	35	16	26	27
23	25	29	33	15	25	26
22	24	28	32	14	24	25
21	23	27	30	14	23	24
20	23	26	29	13	22	23
19	22	24	27	12	21	22
18	21	23	26	12	20	21
17	20	21	24	11	19	20
16	19	20	23	11	18	19
15	18	18	22	10	17	18
14	17	17	21	9	16	17
13	15	16	19	9	15	16
12	14	14	18	8	14	15
11	13	13	17	7	13	14
10	12	12	15	7	11	12
9	10	11	14	6	10	11
8	9	10	13	5	9	10
7	8	9	11	4	8	8
6	7	7	9	4	7	7
5	6	6	7	3	6	6

TABLE 277. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR READING (COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
4	5	5	6	2	5	5
3	4	4	5	2	5	4
2	3	3	3	1	4	3
1	2	2	2	1	3	2
0	1	1	1	0	2	2

TABLE 278. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR PART 2 (COMPREHENSION)

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	42	45	72	45	48	62
29	41	44	68	43	46	58
28	40	43	65	41	45	55
27	38	42	62	40	43	52
26	37	40	59	38	42	48
25	36	39	56	37	40	45
24	34	39	54	36	39	43
23	33	38	51	34	37	40
22	32	37	49	32	36	38
21	31	36	46	31	34	36
20	30	35	44	30	33	34
19	29	34	42	28	31	32
18	28	33	39	27	30	30
17	27	32	37	26	28	29
16	26	30	35	24	27	27
15	25	29	33	23	25	26
14	24	27	31	21	23	24
13	22	25	28	20	22	22
12	21	23	26	18	20	21
11	20	21	24	17	19	20
10	18	19	22	15	17	18
9	16	16	20	14	15	17
8	15	15	18	12	14	15
7	13	13	16	11	12	13
6	11	11	15	10	11	12
5	9	9	12	8	9	10
4	7	8	10	7	8	8
3	6	6	7	5	6	6
2	4	4	5	3	5	4
1	2	3	3	2	4	3
0	1	1	1	0	3	2

TABLE 279. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
48	42	45	72	45	30	63
47	42	44	70	44	30	61
46	41	44	68	43	29	58
45	40	43	66	42	28	56
44	39	42	64	41	28	53
43	38	41	61	40	27	51
42	37	41	60	39	26	49
41	36	40	58	38	26	47
40	35	39	56	37	25	45
39	35	39	54	36	24	43
38	34	38	52	35	24	41
37	33	37	51	34	23	40
36	32	37	49	33	22	38
35	31	36	47	32	22	37
34	31	36	46	31	21	35
33	30	35	44	30	20	34
32	29	34	43	29	20	33
31	29	34	41	28	19	32
30	28	33	40	27	18	31
29	28	32	39	26	18	30
28	27	31	37	26	17	29
27	26	31	36	25	16	28
26	26	30	34	24	16	27
25	25	29	33	23	15	26
24	24	28	32	22	14	25
23	23	27	30	21	14	24
22	23	26	29	20	13	23
21	22	24	27	19	13	22
20	21	23	26	18	12	21
19	20	22	25	17	11	20
18	19	20	24	16	11	19
17	18	19	22	15	10	18
16	17	17	21	14	10	17
15	16	16	20	13	9	16
14	15	15	19	12	8	15
13	13	14	17	12	8	14
12	12	13	16	11	7	13
11	11	11	15	10	6	12
10	10	10	14	9	6	11
9	9	9	12	8	5	10
8	8	8	11	7	4	8

TABLE 279. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR READING COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E READING (COMPR.)	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
7	7	7	9	6	4	7
6	6	6	7	5	3	6
5	4	5	5	4	2	4
4	3	3	3	2	1	3
3	1	2	2	1	0	2
2	0	0	1	0	0	1
1	0	0	0	0	0	1
0	0	0	0	0	0	0

TABLE 280. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
64	42	45	73	45	30	48
63	42	45	72	45	30	48
62	42	45	71	45	30	48
61	42	44	70	44	30	47
60	42	44	70	44	30	47
59	41	44	69	43	29	47
58	41	44	68	43	29	46
57	41	43	67	42	29	45
56	40	43	66	42	29	45
55	40	43	65	42	28	45
54	39	42	64	41	28	44
53	39	42	63	40	27	44
52	39	42	63	40	27	44
51	38	41	62	40	27	43
50	38	41	61	39	27	43
49	37	41	60	39	26	42
48	37	40	59	38	26	42
47	36	40	58	38	26	41
46	36	40	57	37	25	41
45	36	39	56	37	25	40
44	35	39	55	36	25	40
43	35	39	54	36	24	39
42	34	38	53	35	24	39
41	34	38	52	35	23	38
40	33	38	51	34	23	37
39	33	37	50	33	23	37
38	32	37	49	33	22	36
37	32	36	48	32	22	35
36	31	36	47	31	21	35
35	31	35	45	31	21	34
34	30	35	44	30	20	33
33	30	34	43	29	20	32
32	29	34	42	28	19	31
31	28	33	40	27	18	30
30	28	32	39	27	18	29
29	27	32	38	26	17	28
28	26	31	36	25	17	27
27	26	30	35	24	16	26
26	25	29	34	23	15	25
25	24	28	32	22	15	24
24	24	27	31	22	14	23

TABLE 280. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR PARAGRAPH MEANING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION	CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION	ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION	MAT (70 ED.) INTERMEDIATE FORM F READING (COMPR.)	STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)	SRA (71 ED.) BLUE FORM E READING (COMPR.)
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
23	23	26	29	21	13	22
22	22	25	28	20	13	21
21	21	23	26	19	12	20
20	20	22	25	17	11	19
19	19	20	24	16	11	18
18	18	19	22	15	10	17
17	17	17	21	14	9	16
16	16	16	20	13	9	15
15	15	15	18	12	8	14
14	13	14	17	11	7	13
13	12	12	16	11	7	12
12	11	11	15	10	6	11
11	10	11	14	9	6	10
10	9	10	13	8	5	9
9	9	9	12	7	5	9
8	8	8	10	7	4	8
7	7	8	9	6	4	7
6	6	7	8	5	3	6
5	5	5	6	4	3	6
4	4	4	5	3	2	5
3	2	3	3	2	1	4
2	1	1	2	1	0	3
1	1	1	0	0	0	2
0	0	0	0	0	0	1

LIST OF EQUATING TABLES AT GRADE 5

TOTAL READING

Methods	Tests	Table Numbers
Procedure 1: Linear Method	CAT	281
	CTBS	282
	ITBS	283
	MAT	284
	STEP II	285
	SRA	286
	SAT	287
Procedure 1: Equipercentile Method	CAT	288
	CTBS	289
	ITBS	290
	MAT	291
	STEP II	292
	SRA	293
	SAT	294
Procedure 2: Linear Method	CAT	295
	CTBS	296
	ITBS	297
	MAT	298
	STEP II	299
	SRA	300
	SAT	301
Procedure 2: Equipercentile Method	CAT	302
	CTBS	303
	ITBS	304
	MAT	305
	STEP II	306
	SRA	307
	SAT	308
Procedure 3: Linear Method	CAT	309
	CTBS	310
	ITBS	311
	MAT	312
	STEP II	313
	SRA	314
	SAT	315
Procedure 3: Equipercentile Method	CAT	316
	CTBS	317
	ITBS	318
	MAT	319
	STEP II	320
	SRA	321
	SAT	322
Average of Procedures 1 and 2 Linear Method	CAT	323
	CTBS	324
	ITBS	325
	MAT	326
	STEP II	327
	SRA	328
	SAT	329
Average of Procedures 1 and 2 Equipercentile Method	CAT	330
	CTBS	331
	ITBS	332
	MAT	333
	STEP II	334
	SRA	335
	SAT	336

TABLE 281. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	89	106	90	59	93	88
81	88	105	89	58	92	87
80	87	103	88	58	90	85
79	86	102	87	57	89	84
78	84	100	85	56	88	83
77	83	99	84	55	87	82
76	82	97	83	55	85	80
75	81	96	82	54	84	79
74	80	94	81	53	83	78
73	79	93	79	52	82	77
72	78	91	78	52	80	75
71	77	90	77	51	79	74
70	76	88	76	50	78	73
69	75	87	75	50	77	71
68	74	85	73	49	75	70
67	73	84	72	48	74	69
66	72	82	71	47	73	68
65	71	81	70	47	72	66
64	70	79	69	46	70	65
63	68	78	67	45	69	64
62	67	77	66	44	68	63
61	66	75	65	44	67	61
60	65	74	64	43	65	60
59	64	72	63	42	64	59
58	63	71	61	42	63	57
57	62	69	60	41	62	56
56	61	68	59	40	60	55
55	60	66	58	39	59	54
54	59	65	57	39	58	52
53	58	63	55	38	57	51
52	57	62	54	37	55	50
51	56	60	53	36	54	49
50	55	59	52	36	53	47
49	53	57	51	35	52	46
48	52	56	49	34	50	45
47	51	54	48	34	49	43
46	50	53	47	33	48	42
45	49	51	46	32	47	41
44	48	50	45	31	45	40
43	47	48	43	31	44	38
42	46	47	42	30	43	37

TABLE 281. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	45	45	41	29	42	36
40	44	44	40	28	40	35
39	43	42	39	28	39	33
38	42	41	38	27	38	32
37	41	39	36	26	37	31
36	40	38	35	26	35	30
35	39	36	34	25	34	28
34	37	35	33	24	33	27
33	36	33	32	23	32	26
32	35	32	30	23	30	24
31	34	30	29	22	29	23
30	33	29	28	21	28	22
29	32	27	27	20	27	21
28	31	26	26	20	25	19
27	30	24	24	19	24	18
26	29	23	23	18	23	17
25	28	21	22	17	21	16
24	27	20	21	17	20	14
23	26	18	20	16	19	13
22	25	17	18	15	18	12
21	24	15	17	15	16	10
20	22	14	16	14	15	9
19	21	13	15	13	14	8
18	20	11	14	12	13	7
17	19	10	12	12	11	5
16	18	8	11	11	10	4
15	17	7	10	10	9	3
14	16	5	9	9	8	2
13	15	4	8	9	6	0
12	14	2	6	8	5	- 1
11	13	1	5	7	4	- 2
10	12	- 1	4	7	3	- 4
9	11	- 2	3	6	1	- 5
8	10	- 4	2	5	0	- 6
7	9	- 5	0	4	- 1	- 7
6	8	- 7	- 1	4	- 2	- 9
5	6	- 8	- 2	3	- 4	- 10
4	5	- 10	- 3	2	- 5	- 11
3	4	- 11	- 4	1	- 6	- 12
2	3	- 13	- 6	1	- 7	- 14
1	2	- 14	- 7	0	- 9	- 15

TABLE 281. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	1	- 16	- 8	- 1	- 10	- 16

TABLE 282. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	79	101	86	57	89	84
84	78	100	85	56	87	82
83	77	98	84	55	86	81
82	76	97	83	54	85	80
81	75	96	82	54	84	79
80	74	94	80	53	83	78
79	73	93	79	52	82	76
78	72	91	78	52	80	75
77	71	90	77	51	79	74
76	70	89	76	50	78	73
75	69	87	75	50	77	72
74	68	86	74	49	76	70
73	67	84	73	48	75	69
72	66	83	71	48	73	68
71	65	82	70	47	72	67
70	65	80	69	46	71	66
69	64	79	68	46	70	65
68	63	77	67	45	69	63
67	62	76	66	44	67	62
66	61	75	65	44	66	61
65	60	73	64	43	65	60
64	59	72	63	42	64	59
63	58	71	61	42	63	57
62	57	69	60	41	62	56
61	56	68	59	40	60	55
60	55	66	58	39	59	54
59	54	65	57	39	58	53
58	53	64	56	38	57	51
57	52	62	55	37	56	50
56	51	61	54	37	55	49
55	51	59	52	36	53	48
54	50	58	51	35	52	47
53	49	57	50	35	51	46
52	48	55	49	34	50	44
51	47	54	48	33	49	43
50	46	52	47	33	48	42
49	45	51	46	32	46	41
48	44	50	45	31	45	40
47	43	48	43	31	44	38
46	42	47	42	30	43	37
45	41	45	41	29	42	36

TABLE 282. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	40	44	40	29	41	35
43	39	43	39	28	39	34
42	38	41	38	27	38	32
41	37	40	37	27	37	31
40	36	38	36	26	36	30
39	36	37	35	25	35	29
38	35	36	33	24	33	28
37	34	34	32	24	32	26
36	33	33	31	23	31	25
35	32	31	30	22	30	24
34	31	30	29	22	29	23
33	30	29	28	21	28	22
32	29	27	27	20	26	21
31	28	26	26	20	25	19
30	27	25	24	19	24	18
29	26	23	23	18	23	17
28	25	22	22	18	22	16
27	24	20	21	17	21	15
26	23	19	20	16	19	13
25	22	18	19	16	18	12
24	22	16	18	15	17	[illegible]
23	21	15	17	14	16	9
22	20	13	15	14	15	7
21	19	12	14	13	14	6
20	18	11	13	12	12	5
19	17	9	12	11	11	4
18	16	8	11	11	10	3
17	15	6	10	10	9	2
16	14	5	9	9	8	0
15	13	4	8	9	6	- 1
14	12	2	7	8	5	- 2
13	11	1	5	7	4	- 3
12	10	- 1	4	7	3	- 4
11	9	- 2	3	6	2	- 6
10	8	- 3	2	5	1	- 7
9	7	- 5	1	5	- 1	- 8
8	7	- 6	0	4	- 2	- 9
7	6	- 8	- 1	3	- 3	- 10
6	5	- 9	- 2	3	- 4	- 12
5	4	- 10	- 4	2	- 5	- 13
4	3	- 12	- 5	1	- 6	

TABLE 282. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	2	- 13	- 6	1	- 8	- 14
2	1	- 15	- 7	0	- 9	- 15
1	0	- 16	- 8	- 1	- 10	- 16
0	- 1	- 17	- 9	- 1	- 11	- 18

TABLE 283. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	89	96	99	64	102	97
116	89	96	98	64	101	96
115	88	95	97	63	100	95
114	87	94	96	63	99	95
113	87	94	96	62	99	94
112	86	93	95	62	98	93
111	85	92	94	61	97	92
110	85	91	93	61	96	91
109	84	91	92	60	95	90
108	83	90	92	60	94	89
107	83	89	91	59	94	89
106	82	89	90	59	93	88
105	81	88	89	58	92	87
104	81	87	88	58	91	86
103	80	86	88	57	90	85
102	79	86	87	57	89	84
101	79	85	86	56	89	83
100	78	84	85	56	88	83
99	77	84	84	55	87	82
98	77	83	84	55	86	81
97	76	82	83	55	85	80
96	75	81	82	54	84	79
95	74	81	81	54	83	78
94	74	80	80	53	83	77
93	73	79	79	53	82	77
92	72	79	79	52	81	76
91	72	78	78	52	80	75
90	71	77	77	51	79	74
89	70	76	76	51	78	73
88	70	76	75	50	78	72
87	69	75	75	50	77	72
86	68	74	74	49	76	71
85	68	73	73	49	75	70
84	67	73	72	48	74	69
83	66	72	71	48	73	68
82	66	71	71	47	73	67
81	65	71	70	47	72	66
80	64	70	69	46	71	66
79	64	69	68	46	70	65
78	63	68	67	45	69	64
77	62	68	67	45	68	63

TABLE 283. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	62	67	66	44	67	62
75	61	66	65	44	67	61
74	60	66	64	43	66	60
73	60	65	63	43	65	60
72	59	64	63	42	64	59
71	58	63	62	42	63	58
70	58	63	61	41	62	57
69	57	62	60	41	62	56
68	56	61	59	40	61	55
67	56	61	59	40	60	54
66	55	60	58	39	59	54
65	54	59	57	39	58	53
64	54	58	56	38	57	52
63	53	58	55	38	57	51
62	52	57	55	37	56	50
61	52	56	54	37	55	49
60	51	56	53	36	54	48
59	50	55	52	36	53	48
58	50	54	51	35	52	47
57	49	53	51	35	51	46
56	48	53	50	34	51	45
55	48	52	49	34	50	44
54	47	51	48	33	49	43
53	46	51	47	33	48	43
52	46	50	47	32	47	42
51	45	49	46	32	46	41
50	44	48	45	32	46	40
49	44	48	44	31	45	39
48	43	47	43	31	44	38
47	42	46	43	30	43	37
46	42	46	42	30	42	37
45	41	45	41	29	41	36
44	40	44	40	29	41	35
43	40	43	39	28	40	34
42	39	43	39	28	39	33
41	38	42	38	27	38	32
40	38	41	37	27	37	31
39	37	40	36	26	36	31
38	36	40	35	26	35	30
37	36	39	35	25	35	29
36	35	38	34	25	34	28

TABLE 283. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	34	38	33	24	33	27
34	34	37	32	24	32	26
33	33	36	31	23	31	25
32	32	35	30	23	30	25
31	32	35	30	22	30	24
30	31	34	29	22	29	23
29	30	33	28	21	28	22
28	29	33	27	21	27	21
27	29	32	26	20	26	20
26	28	31	26	20	25	19
25	27	30	25	19	25	19
24	27	30	24	19	24	18
23	26	29	23	18	23	17
22	25	28	22	18	22	16
21	25	28	22	17	21	15
20	24	27	21	17	20	14
19	23	26	20	16	19	13
18	23	25	19	16	19	13
17	22	25	18	15	18	12
16	21	24	18	15	17	11
15	21	23	17	14	16	10
14	20	23	16	14	15	9
13	19	22	15	13	14	8
12	19	21	14	13	14	8
11	18	20	14	12	13	7
10	17	20	13	12	12	6
9	17	19	12	11	11	5
8	16	18	11	11	10	4
7	15	18	10	10	9	3
6	15	17	10	10	9	2
5	14	16	9	9	8	2
4	13	15	8	9	7	1
3	13	15	7	8	6	0
2	12	14	6	8	5	-1
1	11	13	6	8	4	-2
0	11	12	5	7	4	-3

TABLE 284. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	86	93	112	62	98	93
94	85	92	111	61	97	92
93	84	91	110	61	96	91
92	84	90	109	60	95	90
91	83	90	107	60	94	89
90	82	89	106	59	93	88
89	81	88	105	58	92	87
88	80	87	104	58	91	86
87	79	86	102	57	90	85
86	79	85	101	57	89	84
85	78	84	100	56	88	83
84	77	83	99	55	87	81
83	76	82	97	55	85	80
82	75	82	96	54	84	79
81	74	81	95	54	83	78
80	74	80	94	53	82	77
79	73	79	92	52	81	76
78	72	78	91	52	80	75
77	71	77	90	51	79	74
76	70	76	89	50	78	73
75	69	75	88	50	77	72
74	69	74	86	49	76	71
73	68	73	85	49	75	70
72	67	73	84	48	74	69
71	66	72	83	47	73	68
70	65	71	81	47	72	67
69	64	70	80	46	71	66
68	64	69	79	46	70	64
67	63	68	78	45	69	63
66	62	67	76	44	68	62
65	61	66	75	44	67	61
64	60	65	74	43	66	60
63	59	65	73	43	65	59
62	59	64	71	42	63	58
61	58	63	70	41	62	57
60	57	62	69	41	61	56
59	56	61	68	40	60	55
58	55	60	66	39	59	54
57	54	59	65	39	58	53
56	54	58	64	38	57	52
55	53	57	63	38	56	51

TABLE 264. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE I, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	52	57	61	37	55	50
53	51	56	60	36	54	49
52	50	55	59	36	53	47
51	49	54	58	35	52	46
50	49	53	56	35	51	45
49	48	52	55	34	50	44
48	47	51	54	33	49	43
47	46	50	53	33	48	42
46	45	49	51	32	47	41
45	44	48	50	32	46	40
44	44	48	49	31	45	39
43	43	47	48	30	44	38
42	42	46	46	30	43	37
41	41	45	45	29	41	36
40	40	44	44	29	40	35
39	39	43	43	28	39	34
38	39	42	41	27	38	33
37	38	41	40	27	37	32
36	37	40	39	26	36	30
35	36	40	38	25	35	29
34	35	39	36	25	34	28
33	34	38	35	24	33	27
32	33	37	34	24	32	26
31	33	36	33	23	31	25
30	32	35	32	22	30	24
29	31	34	30	22	29	23
28	30	33	29	21	28	22
27	29	32	28	21	27	21
26	28	31	27	20	26	20
25	28	31	25	19	25	19
24	27	30	24	19	24	18
23	26	29	23	18	23	17
22	25	28	22	18	22	16
[illegible]	24	27	20	17	21	15
[illegible]	23	26	19	16	20	14
[illegible]	23	25	18	16	18	12
1[illegible]	22	24	17	15	17	11
1[illegible]	21	23	15	15	16	10
16	20	23	14	14	15	9
15	19	22	13	13	14	8
14	18	21	12	13	13	7

TABLE 284. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	18	20	10	12	12	6
12	17	19	9	11	11	5
11	16	18	8	11	10	4
10	15	17	7	10	9	3
9	14	16	5	10	8	2
8	13	15	4	9	7	1
7	13	15	3	8	6	0
6	12	14	2	8	5	- 1
5	11	13	0	7	4	- 2
4	10	12	- 1	7	3	- 3
3	9	11	- 2	6	2	- 5
2	8	10	- 3	5	1	- 6
1	8	9	- 5	5	0	- 7
0	7	8	- 6	4	- 1	- 8

TABLE 285. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	83	90	108	92	95	90
59	82	89	106	90	93	88
58	81	87	104	89	91	86
57	79	86	102	87	89	84
56	78	84	100	85	88	83
55	77	83	98	84	86	81
54	75	81	96	82	84	79
53	74	80	94	80	83	77
52	72	78	92	79	81	76
51	71	77	90	77	79	74
50	70	76	88	75	77	72
49	68	74	86	74	76	71
48	67	73	84	72	74	69
47	66	71	82	70	72	67
46	64	70	80	69	71	65
45	63	68	78	67	69	64
44	61	67	76	66	67	62
43	60	65	74	64	65	60
42	59	64	72	62	64	58
41	57	62	70	61	62	57
40	56	61	68	59	60	55
39	55	59	65	57	59	53
38	53	58	63	56	57	51
37	52	57	61	54	55	50
36	51	55	59	52	53	48
35	49	54	57	51	52	46
34	48	52	55	49	50	44
33	46	51	53	47	48	43
32	45	49	51	46	47	41
31	44	48	49	44	45	39
30	42	46	47	43	43	37
29	41	45	45	41	41	36
28	40	43	43	39	40	34
27	38	42	41	38	38	32
26	37	40	39	36	36	30
25	35	39	37	34	34	29
24	34	37	35	33	33	27
23	33	36	33	31	31	25
22	31	35	31	29	29	23
21	30	33	29	28	28	22
20	29	32	27	26	26	20

TABLE 285. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	27	30	25	25	24	18
18	26	29	23	23	22	17
17	24	27	21	21	21	15
16	23	26	18	20	19	13
15	22	24	16	18	17	11
14	20	23	14	16	16	10
13	19	21	12	15	14	8
12	18	20	10	13	12	6
11	16	18	8	11	10	4
10	15	17	6	10	9	3
9	13	15	4	8	7	1
8	12	14	2	6	5	- 1
7	11	13	0	5	4	- 3
6	9	11	- 2	3	2	- 4
5	8	10	- 4	2	0	- 6
4	7	8	- 6	0	- 2	- 8
3	5	7	- 8	- 2	- 3	- 10
2	4	5	- 10	- 3	- 5	- 11
1	2	4	- 12	- 5	- 7	- 13
0	1	2	- 14	- 7	- 8	- 15

TABLE 286. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	80	86	103	87	57	85
89	79	85	102	86	57	84
88	78	85	101	85	56	83
87	77	84	99	85	56	82
86	77	83	98	84	55	81
85	76	82	97	83	54	80
84	75	81	96	82	54	79
83	74	80	95	81	53	78
82	73	79	93	80	53	77
81	73	79	92	79	52	76
80	72	78	91	78	52	75
79	71	77	90	77	51	74
78	70	76	89	76	50	73
77	69	75	87	75	50	72
76	69	74	86	74	49	71
75	68	73	85	73	49	70
74	67	73	84	72	48	69
73	66	72	83	71	47	68
72	65	71	81	70	47	67
71	65	70	80	69	46	66
70	64	69	79	68	46	65
69	63	68	78	67	45	64
68	62	68	77	66	45	63
67	61	67	76	65	44	62
66	61	66	74	64	43	61
65	60	65	73	64	43	60
64	59	64	72	63	42	59
63	58	63	71	62	42	58
62	57	62	70	61	41	57
61	57	62	68	60	40	56
60	56	61	67	59	40	55
59	55	60	66	58	39	54
58	54	59	65	57	39	53
57	53	58	64	56	38	52
56	53	57	62	55	38	51
55	52	56	61	54	37	50
54	51	56	60	53	36	49
53	50	55	59	52	36	48
52	49	54	58	51	35	47
51	49	53	57	50	35	45
50	48	52	55	49	34	44

TABLE 286. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	47	51	54	48	34	43
48	46	50	53	47	33	42
47	45	50	52	46	32	41
46	45	49	51	45	32	40
45	44	48	49	44	31	39
44	43	47	48	43	31	38
43	42	46	47	43	30	37
42	41	45	46	42	29	36
41	41	45	45	41	29	35
40	40	44	43	40	28	34
39	39	43	42	39	28	33
38	38	42	41	38	27	32
37	37	41	40	37	27	31
36	37	40	39	36	26	30
35	36	39	38	35	25	29
34	35	39	36	34	25	28
33	34	38	35	33	24	27
32	33	37	34	32	24	26
31	33	36	33	31	23	25
30	32	35	32	30	22	24
29	31	34	30	29	22	23
28	30	33	29	28	21	22
27	29	33	28	27	21	21
26	29	32	27	26	20	20
25	28	31	26	25	20	19
24	27	30	24	24	19	18
23	26	29	23	23	18	17
22	25	28	22	22	18	16
21	25	27	21	22	17	15
20	24	27	20	21	17	14
19	23	26	19	20	16	13
18	22	25	17	19	15	12
17	21	24	16	18	15	11
16	21	23	15	17	14	10
15	20	22	14	16	14	9
14	19	21	13	15	13	8
13	18	21	11	14	13	7
12	18	20	10	13	12	6
11	17	19	9	12	11	5
10	16	18	8	11	11	4
9	15	17	7	10	10	3

TABLE 286. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	14	16	5	9	10	2
7	14	16	4	8	9	1
6	13	15	3	7	9	0
5	12	14	2	6	8	- 1
4	11	13	1	5	7	- 2
3	10	12	0	4	7	- 3
2	10	11	- 2	3	6	- 4
1	9	10	- 3	2	6	- 5
0	8	10	- 4	1	5	- 6

TABLE 287. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	101	109	135	113	73	117
111	100	108	133	112	72	116
110	99	107	132	111	72	115
109	99	106	131	110	71	114
108	98	106	130	109	71	113
107	97	105	129	108	70	112
106	96	104	128	107	69	111
105	96	103	126	106	69	110
104	95	102	125	105	68	109
103	94	101	124	104	68	108
102	93	101	123	103	67	107
101	92	100	122	102	67	106
100	92	99	120	102	66	105
99	91	98	119	101	65	104
98	90	97	118	100	65	103
97	89	96	117	99	64	102
96	88	96	116	98	64	101
95	88	95	115	97	63	100
94	87	94	113	96	63	99
93	86	93	112	95	62	98
92	85	92	111	94	61	97
91	84	91	110	93	61	96
90	84	91	109	92	60	95
89	83	90	108	91	60	94
88	82	89	106	90	59	93
87	81	88	105	89	59	92
86	81	87	104	88	58	91
85	80	86	103	87	57	90
84	79	85	102	86	57	89
83	78	85	101	86	56	88
82	77	84	99	85	56	87
81	77	83	98	84	55	86
80	76	82	97	83	55	85
79	75	81	96	82	54	84
78	74	80	95	81	53	83
77	73	80	94	80	53	82
76	73	79	92	79	52	81
75	72	78	91	78	52	80
74	71	77	90	77	51	79
73	70	76	89	76	50	78
72	70	75	88	75	50	77

TABLE 287. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	69	75	87	74	49	76
70	68	74	85	73	49	75
69	67	73	84	72	48	74
68	66	72	83	71	48	73
67	66	71	82	70	47	72
66	65	70	81	70	46	71
65	64	69	79	69	46	70
64	63	69	78	68	45	69
63	62	68	77	67	45	68
62	62	67	76	66	44	67
61	61	66	75	65	44	66
60	60	65	74	64	43	65
59	59	64	72	63	42	64
58	59	64	71	62	42	63
57	58	63	70	61	41	62
56	57	62	69	60	41	61
55	56	61	68	59	40	60
54	55	60	67	58	40	59
53	55	59	65	57	39	59
52	54	59	64	56	38	58
51	53	58	63	55	38	57
50	52	57	62	54	37	56
49	51	56	61	54	37	55
48	51	55	60	53	36	54
47	50	54	58	52	36	53
46	49	54	57	51	35	52
45	48	53	55	50	34	51
44	48	52	55	49	34	50
43	47	51	54	48	33	49
42	46	50	53	47	33	48
41	45	49	51	46	32	47
40	44	48	50	45	32	46
39	44	48	49	44	31	45
38	43	47	48	43	30	44
37	42	46	47	42	30	43
36	41	45	45	41	29	42
35	40	44	44	40	29	41
34	40	43	43	39	28	40
33	39	43	42	38	28	39
32	38	42	41	38	27	38
31	37	41	40	37	26	37

TABLE 287. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	35	40	38	36	26	36
29	35	39	37	35	25	35
28	35	38	36	34	25	34
27	34	38	35	33	24	33
26	33	37	34	32	24	32
25	33	36	33	31	23	31
24	32	35	31	30	22	30
23	31	34	30	29	22	29
22	30	33	29	28	21	28
21	29	32	28	27	21	27
20	29	32	27	26	20	26
19	28	31	26	25	20	25
18	27	30	24	24	19	24
17	26	29	23	23	18	23
16	25	28	22	22	18	22
15	25	27	21	22	17	21
14	24	27	20	21	17	20
13	23	26	19	20	16	19
12	22	25	17	19	15	18
11	22	24	16	18	15	17
10	21	23	15	17	14	16
9	20	22	14	16	14	15
8	19	22	13	15	13	14
7	18	21	11	14	13	13
6	18	20	10	13	12	12
5	17	19	9	12	11	11
4	16	18	8	11	11	10
3	15	17	7	10	10	9
2	14	17	6	9	10	8
1	14	16	4	8	9	7
0	13	15	3	7	9	6

TABLE 288. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	85	113	95	60	90	109
81	84	111	92	59	89	105
80	82	109	91	58	88	101
79	82	107	89	57	87	97
78	81	105	88	56	86	93
77	80	103	86	55	85	91
76	79	100	85	55	84	88
75	78	98	84	54	83	86
74	78	97	82	53	82	84
73	77	95	81	52	81	81
72	76	93	79	52	80	79
71	75	92	78	51	79	77
70	74	90	77	50	78	74
69	74	89	75	49	77	72
68	73	87	74	49	76	70
67	72	85	72	48	75	68
66	71	83	71	47	74	66
65	71	82	70	47	73	64
64	70	80	68	46	72	63
63	69	78	67	45	70	61
62	68	77	66	45	69	60
61	67	75	65	44	68	58
60	67	73	63	43	67	57
59	66	72	62	42	66	55
58	65	70	61	42	64	54
57	64	68	60	41	63	52
56	63	66	58	40	61	50
55	62	64	57	39	59	49
54	60	62	55	38	58	48
53	59	60	54	38	56	46
52	58	59	53	37	55	45
51	57	57	52	36	54	45
50	56	55	51	36	53	44
49	55	54	50	35	51	42
48	54	52	49	34	50	41
47	53	50	47	33	48	40
46	52	49	46	33	47	39
45	51	47	45	32	45	38
44	49	46	43	31	44	37
43	48	44	42	30	42	36
42	47	43	41	30	41	35

TABLE 288. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	46	42	40	29	40	34
40	44	41	39	28	39	33
39	43	40	38	28	37	33
38	42	39	37	27	36	32
37	41	38	36	26	35	31
36	39	37	35	26	34	30
35	38	36	34	25	33	30
34	37	35	33	24	32	29
33	36	34	31	23	31	28
32	34	33	31	23	30	27
31	33	32	30	22	29	27
30	32	32	29	21	28	26
29	31	31	28	20	27	25
28	30	30	27	20	26	25
27	29	29	26	19	25	24
26	28	29	26	18	24	23
25	27	28	25	18	23	22
24	26	27	24	17	23	22
23	24	26	23	17	22	21
22	23	25	22	16	21	20
21	22	23	21	15	20	19
20	21	22	20	15	19	18
19	20	21	19	14	18	17
18	19	19	18	13	17	16
17	18	18	17	13	16	15
16	16	15	15	12	15	13
15	15	13	13	11	13	12
14	14	12	12	10	12	10
13	12	11	10	9	11	9
12	11	10	9	8	10	8
11	10	9	7	7	9	7
10	8	8	5	6	8	5
9	7	7	4	5	7	4
8	6	6	2	4	6	3
7	4	5	0	3	5	1
6	3	4	0	2	4	0
5	2	3	0	1	3	0
4	0	2	0	0	2	0
3	0	1	0	0	1	0
2	0	0	0	0	0	0
1	0	0	0	0	0	0

TABLE 28B. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	0	0	0	0	0	0

TABLE 289. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	82	114	95	60	90	109
84	81	112	93	59	89	106
83	81	110	92	58	88	103
82	79	108	90	57	87	98
81	78	106	88	57	86	94
80	77	103	86	55	85	91
79	76	100	85	55	84	88
78	75	97	83	54	82	85
77	73	95	81	53	81	82
76	72	93	79	52	80	79
75	71	91	78	51	79	76
74	70	90	76	50	78	73
73	68	87	74	49	76	71
72	67	85	72	48	75	68
71	66	83	70	47	73	66
70	64	80	69	46	72	63
69	63	78	67	45	70	61
68	62	76	66	44	69	59
67	61	74	64	44	68	57
66	59	72	63	43	66	55
65	58	70	61	42	65	54
64	57	68	60	41	63	52
63	56	67	59	40	62	51
62	56	65	57	40	60	50
61	55	63	56	39	59	48
60	54	61	55	38	57	47
59	53	60	54	37	56	46
58	52	58	53	37	55	45
57	51	57	52	36	54	44
56	50	55	51	35	52	43
55	49	53	50	35	51	42
54	48	52	48	34	50	41
53	47	50	47	33	48	40
52	46	49	46	33	47	39
51	45	48	45	32	46	38
50	45	46	44	32	45	37
49	44	45	43	31	44	37
48	43	44	42	30	42	36
47	42	43	41	30	41	35
46	41	42	40	29	40	34
45	41	41	39	29	39	34

TABLE 289. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	40	40	39	28	38	33
43	39	40	38	28	37	33
42	38	39	37	27	36	32
41	37	38	36	26	35	31
40	37	37	35	26	34	31
39	36	37	34	25	34	30
38	35	36	34	25	33	30
37	34	35	[illegible]	24	32	29
36	33	34	32	24	31	28
35	33	33	31	23	30	28
34	32	33	30	22	29	27
33	31	32	30	22	29	27
32	30	32	29	21	28	26
31	29	31	28	20	27	25
30	28	30	27	20	26	25
29	27	30	27	19	25	24
28	26	29	26	19	25	23
27	25	28	25	18	24	23
26	25	27	24	17	23	22
25	24	27	24	17	22	21
24	23	26	23	16	21	21
23	22	24	22	16	21	20
22	21	23	21	15	20	19
21	20	22	20	15	19	18
20	19	21	19	14	18	17
19	18	20	18	13	17	16
18	17	18	17	13	16	15
17	17	17	16	12	16	14
16	16	15	15	12	14	13
15	15	13	13	11	13	12
14	14	13	12	10	13	11
13	14	12	11	10	12	10
12	13	11	10	9	11	9
11	12	10	9	8	10	8
10	11	10	7	7	10	7
9	11	9	6	7	9	6
8	10	8	5	6	8	5
7	9	7	4	5	7	4
6	8	6	3	4	6	3
5	8	6	1	4	6	2
4	7	5	0	3	5	1

TABLE 289. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	6	4	0	2	4	0
2	5	3	0	1	3	0
1	5	3	0	1	3	0
0	4	2	0	0	2	0

TABLE 290. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	82	85	95	60	90	112
116	82	85	95	60	90	112
115	82	85	95	60	90	111
114	82	85	95	60	90	110
113	82	85	94	60	90	108
112	81	84	93	59	89	106
111	81	84	92	59	89	105
110	81	83	92	58	88	103
109	80	82	91	58	88	101
108	80	82	90	57	87	98
107	79	82	89	57	87	97
106	79	81	88	57	86	95
105	78	81	88	56	86	94
104	78	80	87	56	85	93
103	77	80	87	56	85	91
102	77	80	86	55	84	90
101	76	79	86	55	84	89
100	76	79	85	55	84	88
99	76	79	84	54	83	87
98	75	78	83	54	83	86
97	74	78	83	53	82	84
96	74	77	82	53	82	83
95	73	77	81	53	81	82
94	73	76	80	52	80	80
93	72	76	79	52	80	79
92	71	75	78	51	79	77
91	71	75	77	51	79	76
90	70	74	76	50	78	74
89	69	74	75	50	77	73
88	69	73	75	49	77	72
87	68	73	74	49	76	70
86	68	73	73	48	75	69
85	67	72	72	48	75	68
84	67	72	72	48	74	67
83	66	71	71	47	74	66
82	65	71	70	47	73	65
81	65	70	69	46	72	64
80	64	70	68	46	72	63
79	63	69	68	46	71	62
78	63	69	67	45	70	61
77	62	68	66	45	70	60

TABLE 290. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	62	68	66	44	69	59
75	61	67	65	44	68	58
74	60	67	64	44	67	57
73	60	66	63	43	67	56
72	59	66	62	43	66	55
71	59	65	62	42	65	55
70	58	65	61	42	64	54
69	58	64	60	41	64	53
68	57	64	60	41	63	52
67	57	63	59	41	62	51
66	56	63	58	40	61	51
65	56	62	58	40	60	50
64	55	62	57	39	60	49
63	55	61	56	39	59	48
62	54	60	56	38	58	48
61	54	60	55	38	57	47
60	53	59	54	38	56	46
59	52	59	54	37	56	46
58	52	58	53	37	55	45
57	51	57	52	36	54	45
56	50	57	51	36	53	44
55	50	56	51	35	52	43
54	49	55	50	35	51	43
53	49	55	49	35	51	42
52	48	54	49	34	50	41
51	48	54	48	34	49	41
50	47	53	47	33	48	40
49	46	52	46	33	47	39
48	46	51	46	32	46	39
47	45	51	45	32	45	38
46	44	50	44	31	44	37
45	44	49	43	31	43	36
44	43	48	42	30	42	36
43	42	47	41	30	41	35
42	41	46	40	29	40	34
41	40	45	39	29	39	34
40	39	44	38	28	38	33
39	38	42	37	27	37	32
38	37	41	36	26	35	31
37	36	40	35	26	34	31
36	35	38	34	25	33	30

TABLE 290. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	34	37	33	24	32	29
34	33	36	32	23	31	28
33	32	34	31	23	30	27
32	31	33	29	22	28	26
31	29	31	28	21	27	26
30	28	30	27	20	26	25
29	27	28	26	19	25	24
28	25	27	25	18	24	23
27	24	26	24	17	23	22
26	23	24	23	17	22	21
25	22	24	22	16	21	20
24	21	23	22	16	20	19
23	21	22	21	15	20	19
22	20	21	20	15	19	18
21	19	20	20	14	18	17
20	18	19	19	14	18	16
19	18	19	18	13	17	16
18	17	18	17	13	16	15
17	17	17	16	12	16	14
16	16	17	16	12	15	14
15	16	16	15	12	15	13
14	16	16	14	12	14	13
13	15	15	13	11	13	11
12	14	13	11	10	12	10
11	13	12	10	9	11	9
10	12	11	8	8	10	8
9	11	9	7	7	9	6
8	10	8	5	6	8	5
7	9	7	3	5	7	4
6	8	6	2	4	6	2
5	7	4	0	3	5	1
4	6	3	0	2	4	0
3	5	2	0	1	3	0
2	4	0	0	0	2	0
1	3	0	0	0	1	0
0	2	0	0	0	0	0

TABLE 291. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	82	85	114	60	90	110
94	82	85	113	60	90	108
93	81	84	112	59	89	106
92	81	83	111	59	88	104
91	80	83	110	58	88	102
90	80	82	108	58	87	99
89	79	82	107	57	87	96
88	78	81	105	56	86	94
87	78	80	104	56	85	92
86	77	80	102	55	84	90
85	76	79	100	55	84	88
84	75	79	99	54	83	87
83	75	78	98	54	83	85
82	74	78	96	53	82	84
81	73	77	95	53	81	82
80	73	76	94	52	81	80
79	72	76	93	52	80	79
78	71	75	92	51	79	77
77	70	75	91	50	78	75
76	70	74	90	50	78	74
75	69	74	88	49	77	72
74	68	73	87	49	76	71
73	68	72	86	48	75	69
72	67	72	85	48	75	67
71	66	71	83	47	74	66
70	65	71	82	47	73	65
69	65	70	81	46	72	64
68	64	70	79	46	71	62
67	63	69	78	45	70	61
66	62	68	77	45	69	60
65	61	68	75	44	68	59
64	61	67	74	44	68	57
63	60	66	73	43	67	56
62	59	66	71	42	66	55
61	58	65	70	42	64	54
60	57	64	69	41	63	53
59	57	63	67	41	62	52
58	56	63	65	40	61	50
57	55	62	64	39	60	49
56	55	61	63	39	59	48
55	54	60	61	38	57	47

TABLE 291. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	53	59	60	37	56	46
53	52	58	58	37	55	45
52	51	57	57	36	54	44
51	50	56	55	36	53	44
50	49	55	54	35	51	43
49	48	55	53	34	50	42
48	48	54	51	34	49	41
47	47	53	50	33	48	40
46	46	52	49	33	47	39
45	45	51	48	32	46	38
44	45	50	46	31	45	37
43	44	49	45	31	43	37
42	43	48	44	30	42	36
41	42	47	43	30	41	35
40	41	46	42	29	40	34
39	40	45	41	28	39	34
38	39	43	40	28	38	33
37	38	42	39	27	37	32
36	37	41	38	26	35	31
35	36	40	37	26	34	31
34	36	39	36	25	33	30
33	35	37	35	24	32	29
32	34	36	34	24	31	29
31	33	35	33	23	30	28
30	31	34	33	22	29	27
29	30	32	32	21	28	26
28	29	31	31	20	27	25
27	28	30	30	20	26	24
26	27	28	29	19	25	24
25	25	27	28	18	24	23
24	24	26	27	17	23	22
23	23	24	26	17	22	21
22	22	23	25	16	21	20
21	21	22	23	15	20	19
20	20	21	22	14	19	18
19	19	20	20	14	18	17
18	18	19	19	13	17	16
17	17	18	18	13	16	15
16	17	17	17	12	15	14
15	16	16	15	12	15	13
14	15	16	14	11	14	12

TABLE 291. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	15	15	13	11	13	12
12	14	14	12	10	13	11
11	14	13	12	10	12	10
10	13	12	11	9	11	9
9	12	11	11	8	11	8
8	12	11	10	8	10	7
7	11	10	9	7	9	7
6	11	9	9	7	9	6
5	10	8	8	6	8	5
4	9	7	7	5	7	4
3	9	6	7	5	7	3
2	8	6	6	4	6	3
1	7	5	6	3	6	2
0	7	4	5	3	5	1

TABLE 292. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	82	85	114	95	90	109
59	81	84	112	93	89	105
58	80	83	110	91	88	102
57	79	82	107	89	87	97
56	78	81	104	87	85	93
55	77	80	101	86	84	90
54	75	78	98	84	83	86
53	74	77	95	82	82	83
52	72	76	94	80	80	80
51	71	75	92	78	79	77
50	70	74	90	76	78	74
49	69	73	88	74	76	71
48	67	72	85	72	75	68
47	66	71	83	70	73	66
46	64	70	80	69	72	63
45	63	69	78	67	70	61
44	61	68	75	65	68	58
43	60	66	73	63	67	56
42	59	65	71	61	65	54
41	57	64	68	60	63	52
40	56	63	66	58	61	51
39	55	61	64	57	59	49
38	54	60	61	55	57	47
37	52	59	59	53	55	46
36	51	57	57	52	54	44
35	49	56	54	50	52	43
34	48	54	52	48	50	41
33	47	52	50	47	48	40
32	45	51	47	45	46	38
31	44	49	46	43	44	37
30	43	48	44	42	42	35
29	41	46	42	40	40	34
28	40	44	40	38	38	33
27	38	42	39	37	36	32
26	37	40	37	35	35	31
25	35	39	36	34	33	30
24	34	37	35	33	32	29
23	33	35	34	31	30	28
22	31	34	33	30	29	27
21	30	32	32	29	28	26
20	29	31	31	28	27	25

TABLE 292. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1. EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	27	29	29	26	25	24
18	25	27	28	25	24	23
17	24	25	27	24	22	22
16	22	24	25	22	21	20
15	21	22	23	21	20	19
14	19	20	21	20	18	17
13	18	19	19	17	17	15
12	16	17	16	15	15	13
11	15	15	13	13	13	12
10	14	14	12	12	12	10
9	13	12	11	10	11	9
8	12	11	10	9	10	8
7	11	10	9	7	9	7
6	10	8	8	5	8	5
5	9	7	7	4	7	4
4	8	6	6	2	6	3
3	7	4	5	[illegible]	5	1
2	6	3	4	0	4	0
1	5	2	3	0	3	0
0	4	0	2	0	2	0

TABLE 293. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	82	85	114	95	60	109
89	81	84	112	93	59	106
88	81	83	110	91	58	103
87	80	82	108	90	57	98
86	79	81	106	88	57	95
85	78	80	104	87	56	92
84	76	79	101	86	55	89
83	75	79	98	84	54	86
82	74	78	97	82	53	84
81	73	77	95	81	53	82
80	72	76	93	79	52	79
79	71	75	92	78	51	77
78	70	74	90	77	50	75
77	69	74	89	75	50	72
76	68	73	87	74	49	70
75	67	72	85	73	48	68
74	66	72	84	71	47	67
73	65	71	82	70	47	65
72	65	70	81	69	46	64
71	64	70	79	68	46	62
70	63	69	78	67	45	61
69	62	68	76	66	45	60
68	61	67	75	65	44	58
67	60	67	73	64	43	57
66	59	66	72	62	43	55
65	59	65	71	62	42	54
64	58	65	70	61	42	53
63	57	64	68	60	41	52
62	57	63	67	59	41	51
61	56	63	66	58	40	50
60	55	62	65	57	39	49
59	55	61	63	56	39	49
58	54	60	62	56	38	48
57	53	60	61	55	38	47
56	53	59	60	54	37	46
55	52	58	58	53	37	45
54	51	57	57	52	36	45
53	50	57	56	51	36	44
52	50	56	55	51	35	43
51	49	55	54	50	35	42
50	48	54	52	49	34	42

TABLE 293. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	48	54	51	48	34	41
48	47	53	50	47	33	40
47	46	52	49	46	33	39
46	45	51	48	45	32	38
45	45	50	47	44	32	38
44	44	49	46	44	31	37
43	44	49	45	43	31	36
42	43	48	44	42	30	36
41	42	47	43	41	30	35
40	41	46	42	40	29	34
39	40	45	41	39	29	34
38	40	44	40	38	28	33
37	39	43	39	38	27	32
36	38	42	39	37	27	32
35	37	41	38	36	26	31
34	36	40	37	35	26	31
33	35	38	36	34	25	30
32	34	37	35	33	24	29
31	33	36	34	32	24	28
30	33	35	33	31	23	28
29	31	34	33	30	22	27
28	30	32	32	29	21	26
27	29	31	31	28	20	25
26	28	30	30	27	20	25
25	27	29	29	26	19	24
24	26	27	28	25	18	23
23	25	26	27	24	17	22
22	23	25	26	23	17	21
21	22	24	25	22	16	20
20	21	22	24	21	15	19
19	20	21	22	20	15	18
18	19	20	21	19	14	17
17	18	19	19	18	13	16
16	17	18	18	17	13	15
15	16	17	16	16	12	14
14	16	16	14	14	12	13
13	15	15	13	13	11	11
12	14	13	12	11	10	10
11	13	12	11	10	9	9
10	12	11	10	8	8	8
9	11	9	9	7	7	6

TABLE 293. ANCHOR TEST JUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	10	8	8	5	6	5
7	9	7	7	3	5	4
6	8	5	6	2	4	2
5	7	4	5	0	3	1
4	6	3	4	0	2	0
3	5	2	3	0	1	0
2	4	0	2	0	0	0
1	3	0	1	0	0	0
0	2	0	0	0	0	0

TABLE 294. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	82	85	115	95	60	90
111	82	85	115	95	60	90
110	82	85	114	95	60	90
109	82	85	114	95	60	90
108	82	85	113	94	60	90
107	82	84	113	94	60	89
106	81	84	112	93	59	89
105	81	84	111	93	59	89
104	81	83	111	92	59	89
103	81	83	110	92	58	88
102	80	83	110	91	58	88
101	80	83	109	91	58	88
100	80	82	109	90	58	87
99	80	82	108	90	58	87
98	79	82	108	90	57	87
97	79	82	107	89	57	87
96	79	82	107	89	57	86
95	79	81	106	88	57	86
94	78	81	105	88	56	86
93	78	81	105	87	56	85
92	78	80	104	87	56	85
91	77	80	103	86	55	85
90	77	80	102	86	55	84
89	76	79	101	85	55	84
88	76	79	100	85	55	84
87	76	79	99	84	54	83
86	75	78	98	84	54	83
85	75	78	98	83	54	83
84	74	78	97	82	53	82
83	74	77	96	82	53	82
82	73	77	95	81	53	81
81	73	77	95	80	52	81
80	72	76	94	80	52	80
79	72	76	93	79	52	80
78	72	76	93	79	51	80
77	71	75	92	78	51	79
76	71	75	91	77	51	79
75	70	75	91	77	50	78
74	70	74	90	76	50	78
73	69	74	89	76	50	77
72	69	74	88	75	49	77

TABLE 294. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	69	73	88	74	49	76
70	68	73	87	74	49	76
69	68	73	86	73	48	75
68	67	72	86	72	48	75
67	67	72	84	72	48	74
66	66	71	83	71	47	74
65	65	71	82	70	47	73
64	65	70	81	69	46	72
63	64	70	80	69	46	72
62	63	69	79	68	46	71
61	63	69	78	67	45	70
60	62	68	77	66	45	69
59	62	68	76	65	44	69
58	61	67	75	65	44	68
57	60	67	74	64	43	67
56	60	66	73	63	43	67
55	59	66	72	62	42	66
54	58	65	70	61	42	65
53	58	64	69	60	41	64
52	57	64	68	60	41	63
51	56	63	67	59	40	62
50	56	62	65	58	40	61
49	55	62	64	57	39	60
48	54	61	63	56	39	58
47	54	60	61	55	38	57
46	53	59	59	54	37	56
45	52	58	58	53	37	55
44	51	57	56	52	36	53
43	50	56	55	50	35	52
42	49	55	53	49	35	51
41	48	54	51	48	34	49
40	47	53	50	47	33	48
39	46	52	49	46	33	47
38	45	51	47	45	32	46
37	44	50	46	44	31	44
36	43	48	44	42	30	43
35	42	47	43	41	30	41
34	41	45	42	40	29	40
33	40	44	40	38	28	38
32	38	42	39	37	27	36
31	37	41	38	36	26	35

TABLE 294. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 1, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	36	39	36	34	25	33
29	34	37	35	33	24	32
28	33	35	34	31	23	30
27	31	34	33	30	22	29
26	30	32	32	29	21	28
25	29	31	31	28	20	27
24	27	29	30	27	19	25
23	26	28	28	25	18	24
22	25	26	27	24	18	23
21	23	25	26	23	17	22
20	22	23	25	22	16	21
19	21	22	23	21	15	20
18	20	21	22	20	15	19
17	19	20	21	19	14	18
16	18	19	20	18	13	17
15	17	18	18	17	13	16
14	17	17	17	16	12	15
13	16	16	15	15	12	15
12	15	15	14	14	11	14
11	14	14	13	12	10	13
10	14	13	12	11	10	12
9	13	12	11	10	9	11
8	12	11	10	9	8	10
7	11	10	10	8	7	10
6	11	9	9	6	7	9
5	10	8	8	5	6	8
4	9	7	7	4	5	7
3	8	6	6	3	4	7
2	8	5	6	1	4	6
1	7	4	5	0	3	5
0	6	3	4	0	2	4

TABLE 295. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	88	105	90	59	92	87
81	87	104	88	58	91	86
80	85	102	87	58	89	85
79	35	101	86	57	88	83
78	84	100	85	56	87	82
77	83	98	84	55	86	81
76	82	97	83	55	85	80
75	81	95	81	54	83	79
74	80	94	80	53	82	77
73	79	92	79	52	81	76
72	77	91	78	52	80	75
71	76	89	77	51	78	74
70	75	88	75	50	77	72
69	74	86	74	49	76	71
68	73	85	73	49	75	70
67	72	83	72	48	74	69
66	71	82	71	47	72	67
65	70	80	69	46	71	66
64	69	79	68	46	70	65
63	68	77	67	45	69	64
62	67	76	66	44	67	63
61	66	75	65	43	66	61
60	65	73	64	43	65	60
59	64	72	62	42	64	59
58	63	70	61	41	63	58
57	62	69	60	41	61	56
56	60	67	59	40	60	55
55	59	66	58	39	59	54
54	58	64	56	38	58	53
53	57	63	55	38	56	51
52	56	61	54	37	55	50
51	55	60	53	36	54	49
50	54	58	52	35	53	48
49	53	57	51	35	52	47
48	52	55	49	34	50	45
47	51	54	48	33	49	44
46	50	52	47	32	48	43
45	49	51	46	32	47	42
44	48	50	45	31	45	40
43	47	48	43	30	44	39
42	46	47	42	29	43	38

TABLE 295. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM [illegible] TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	44	45	41	29	42	37
40	43	44	40	28	40	35
39	42	42	39	27	39	34
38	41	41	38	26	38	33
37	40	39	36	26	37	32
36	39	38	35	25	36	31
35	38	36	34	24	34	29
34	37	35	33	24	33	28
33	36	33	32	23	32	27
32	35	32	30	22	31	26
31	34	30	29	21	29	24
30	33	29	28	21	28	23
29	32	27	27	20	27	22
28	31	26	26	19	26	21
27	30	25	25	18	25	19
26	29	23	23	18	23	18
25	27	22	22	17	22	17
24	26	20	21	16	21	16
23	25	19	20	15	20	14
22	24	17	19	15	18	13
21	23	16	17	14	17	12
20	22	14	16	13	16	11
19	21	13	15	12	15	10
18	20	11	14	12	14	8
17	19	10	13	11	12	7
16	18	8	12	10	11	6
15	17	7	10	10	10	5
14	16	5	9	9	9	3
13	15	4	8	8	7	2
12	14	2	7	7	6	1
11	13	1	6	7	5	0
10	11	0	4	6	4	- 2
9	10	- 2	3	5	3	- 3
8	9	- 3	2	4	1	- 4
7	8	- 5	1	4	0	- 5
6	7	- 6	0	3	- 1	- 6
5	6	- 8	- 1	2	- 2	- 8
4	5	- 9	- 3	1	- 4	- 9
3	4	- 11	- 4	1	- 5	- 10
2	3	- 12	- 5	0	- 6	- 11
1	2	- 14	- 6	- 1	- 7	- 13

TABLE 295. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	1	- 15	- 7	- 2	- 8	- 14

TABLE 296. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	79	101	86	57	88	84
84	78	100	85	56	87	82
83	77	98	84	55	86	81
82	76	97	83	55	85	80
81	75	96	82	54	84	79
80	74	94	81	53	83	78
79	74	93	80	53	81	77
78	73	91	78	52	80	75
77	72	90	77	51	79	74
76	71	89	76	51	78	73
75	70	87	75	50	77	72
74	69	86	74	49	76	71
73	68	85	73	49	75	70
72	67	83	72	48	73	69
71	66	82	71	47	72	67
70	65	80	70	46	71	66
69	64	79	68	46	70	65
68	63	78	67	45	69	64
67	62	76	66	44	68	63
66	61	75	65	44	67	62
65	60	74	64	43	65	60
64	59	72	63	42	64	59
63	58	71	62	42	63	58
62	58	69	61	41	62	57
61	57	68	60	40	61	56
60	56	67	58	40	60	55
59	55	65	57	39	58	54
58	54	64	56	38	57	52
57	53	62	55	37	56	51
56	52	61	54	37	55	50
55	51	60	53	36	54	49
54	50	58	52	35	53	48
53	49	57	51	35	52	47
52	48	56	50	34	50	45
51	47	54	48	33	49	44
50	46	53	47	33	48	43
49	45	51	46	32	47	42
48	44	50	45	31	46	41
47	43	49	44	30	45	40
46	43	47	43	30	44	38
45	42	46	42	29	42	37

TABLE 296. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	41	45	41	28	41	36
43	40	43	40	28	40	35
42	39	42	38	27	39	34
41	38	40	37	26	38	33
40	37	39	36	26	37	32
39	36	38	35	25	35	30
38	35	36	34	24	34	29
37	34	35	33	24	33	28
36	33	33	32	23	32	27
35	32	32	31	22	31	26
34	31	31	30	21	30	25
33	30	29	28	21	29	23
32	29	28	27	20	27	22
31	28	27	26	19	26	21
30	27	25	25	19	25	20
29	27	24	24	18	24	19
28	26	22	23	17	23	18
27	25	21	22	17	22	16
26	24	20	21	16	21	15
25	23	18	20	15	19	14
24	22	17	18	15	18	13
23	21	16	17	14	17	12
22	20	14	16	13	16	11
21	19	13	15	12	15	10
20	18	11	14	12	14	8
19	17	10	13	11	12	7
18	16	9	12	10	11	6
17	15	7	11	10	10	5
16	14	6	10	9	9	4
15	13	4	8	8	8	3
14	12	3	7	8	7	1
13	12	2	6	7	6	0
12	11	0	5	6	4	- 1
11	10	- 1	4	6	3	- 2
10	9	- 2	3	5	2	- 3
9	8	- 4	2	4	1	- 4
8	7	- 5	1	3	0	- 6
7	6	- 7	0	3	- 1	- 7
6	5	- 8	- 2	2	- 2	- 8
5	4	- 9	- 3	1	- 4	- 9
4	3	- 11	- 4	1	- 5	- 10

TABLE 296. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	2	- 12	- 5	0	- 6	- 11
2	1	- 14	- 6	- 1	- 7	- 12
1	0	- 15	- 7	- 1	- 8	- 14
0	- 1	- 16	- 8	- 2	- 9	- 15

TABLE 297. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	90	97	99	65	102	97
116	89	96	98	64	101	96
115	89	95	97	64	100	95
114	88	94	97	63	99	94
113	87	94	96	63	98	94
112	87	93	95	62	97	93
111	86	92	94	62	97	92
110	85	91	93	61	96	91
109	85	91	93	61	95	90
108	84	90	92	60	94	89
107	83	89	91	60	93	89
106	82	89	90	59	92	88
105	82	88	89	59	92	87
104	81	87	89	58	91	86
103	80	86	88	58	90	85
102	80	86	87	57	89	84
101	79	85	86	57	88	83
100	78	84	85	56	87	83
99	78	84	84	56	87	82
98	77	83	84	55	86	81
97	76	82	83	55	85	80
96	76	81	82	54	84	79
95	75	81	81	54	83	78
94	74	80	80	53	82	78
93	74	79	80	53	82	77
92	73	78	79	52	81	76
91	72	78	78	52	80	75
90	72	77	77	51	79	74
89	71	76	76	51	78	73
88	70	76	76	50	77	73
87	70	75	75	50	77	72
86	69	74	74	49	76	71
85	68	73	73	49	75	70
84	68	73	72	48	74	69
83	67	72	72	48	73	68
82	66	71	71	47	72	68
81	65	70	70	47	72	67
80	65	70	69	46	71	66
79	64	69	68	46	70	65
78	63	68	68	45	69	64
77	63	68	67	45	68	63

TABLE 297. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	62	67	66	44	67	63
75	61	66	65	44	67	62
74	61	65	64	43	66	61
73	60	65	64	43	65	60
72	59	64	63	42	64	59
71	59	63	62	42	63	58
70	58	63	61	41	62	58
69	57	62	60	41	62	57
68	57	61	60	40	61	56
67	56	60	59	40	60	55
66	55	60	58	39	59	54
65	55	59	57	39	58	53
64	54	58	56	38	57	53
63	53	57	56	38	57	52
62	53	57	55	37	56	51
61	52	56	54	37	55	50
60	51	55	53	36	54	49
59	51	55	52	36	53	48
58	50	54	52	35	52	47
57	49	53	51	35	52	47
56	48	52	50	34	51	46
55	48	52	49	34	50	45
54	47	51	48	33	49	44
53	46	50	47	33	48	43
52	46	50	47	32	47	42
51	45	49	46	32	47	42
50	44	48	45	31	46	41
49	44	47	44	31	45	40
48	43	47	43	30	44	39
47	42	46	43	30	43	38
46	42	45	42	29	42	37
45	41	44	41	29	42	37
44	40	44	40	28	41	36
43	40	43	39	28	40	35
42	39	42	39	27	39	34
41	38	42	38	27	38	33
40	38	41	37	26	37	32
39	37	40	36	26	37	32
38	36	39	35	25	36	31
37	36	39	35	25	35	30
36	35	38	34	24	34	29

TABLE 297. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	34	37	33	24	33	28
34	34	36	32	23	33	27
33	33	36	31	23	32	27
32	32	35	31	22	31	26
31	31	34	30	22	30	25
30	31	34	29	21	29	24
29	30	33	28	21	28	23
28	29	32	27	20	28	22
27	29	31	27	20	27	22
26	28	31	26	19	26	21
25	27	30	25	19	25	20
24	27	29	24	18	24	19
23	26	29	23	18	23	18
22	25	28	23	17	23	17
21	25	27	22	17	22	16
20	24	26	21	16	21	16
19	23	26	20	16	20	15
18	23	25	19	15	19	14
17	22	24	19	15	18	13
16	21	23	18	14	18	12
15	21	23	17	14	17	11
14	20	22	16	13	16	11
13	19	21	15	13	15	10
12	19	21	15	12	14	9
11	18	20	14	12	13	8
10	17	19	13	11	13	7
9	17	18	12	11	12	6
8	16	18	11	10	11	6
7	15	17	10	10	10	5
6	14	16	10	9	9	4
5	14	15	9	9	8	3
4	13	15	8	8	8	2
3	12	14	7	8	7	1
2	12	13	6	7	6	1
1	11	13	6	7	5	0
0	10	12	5	6	4	-1

TABLE 298. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	87	93	112	62	98	93
94	86	92	111	62	97	92
93	85	91	110	61	95	91
92	84	90	108	61	94	90
91	83	89	107	60	93	89
90	82	89	106	59	92	88
89	82	88	105	59	91	87
88	81	87	103	58	90	86
87	80	86	102	57	89	84
86	79	85	101	57	88	83
85	78	84	100	56	87	82
84	77	83	99	56	86	81
83	77	82	97	55	85	80
82	76	81	96	54	84	79
81	75	80	95	54	83	78
80	74	80	94	53	82	77
79	73	79	92	52	81	76
78	72	78	91	52	80	75
77	71	77	90	51	79	74
76	71	76	89	51	78	73
75	70	75	87	50	77	72
74	69	74	86	49	76	71
73	68	73	85	49	75	70
72	67	72	84	48	74	69
71	66	71	82	47	73	68
70	66	71	81	47	72	67
69	65	70	80	46	71	66
68	64	69	79	46	70	65
67	63	68	77	45	69	64
66	62	67	76	44	68	63
65	61	66	75	44	66	62
64	60	65	74	43	65	61
63	60	64	72	42	64	60
62	59	63	71	42	63	58
61	58	62	70	41	62	57
60	57	62	69	41	61	56
59	56	61	67	40	60	55
58	55	60	66	39	59	54
57	55	59	65	39	58	53
56	54	58	64	38	57	52
55	53	57	62	37	56	51

TABLE 298. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	52	56	61	37	55	50
53	51	55	60	36	54	49
52	50	54	59	36	53	48
51	49	53	57	35	52	47
50	49	53	56	34	51	46
49	48	52	55	34	50	45
48	47	51	54	33	49	44
47	46	50	53	32	48	43
46	45	49	51	32	47	42
45	44	48	50	31	46	41
44	44	47	49	31	45	40
43	43	46	48	30	44	39
42	42	45	46	29	43	38
41	41	44	45	29	42	37
40	40	44	44	28	41	36
39	39	43	43	27	40	35
38	38	42	41	27	39	33
37	38	41	40	26	38	32
36	37	40	39	26	36	31
35	36	39	38	25	35	30
34	35	38	36	24	34	29
33	34	37	35	24	33	28
32	33	36	34	23	32	27
31	33	35	33	22	31	26
30	32	35	31	22	30	25
29	31	34	30	21	29	24
28	30	33	29	21	28	23
27	29	32	28	20	27	22
26	28	31	26	19	26	21
25	27	30	25	19	25	20
24	27	29	24	18	24	19
23	26	28	23	17	23	18
22	25	27	21	17	22	17
21	24	26	20	16	21	16
20	23	26	19	16	20	15
19	22	25	18	15	19	14
18	22	24	16	14	18	13
17	21	23	15	14	17	12
16	20	22	14	13	16	11
15	19	21	13	12	15	10
14	18	20	11	12	14	8

TABLE 293. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	17	19	10	11	13	7
12	16	18	9	11	12	6
11	16	17	8	10	11	5
10	15	17	7	9	10	4
9	14	16	5	9	9	3
8	13	15	4	8	8	2
7	12	14	3	7	6	1
6	11	13	2	7	5	0
5	11	12	0	6	4	- 1
4	10	11	- 1	6	3	- 2
3	9	10	- 2	5	2	- 3
2	8	9	- 3	4	1	- 4
1	7	8	- 5	4	0	- 5
0	6	8	- 6	3	- 1	- 6

TABLE 292. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	83	90	108	91	94	89
59	82	88	106	90	92	87
58	81	87	104	88	90	86
57	79	85	102	86	89	84
56	78	84	100	85	87	82
55	77	82	98	83	85	81
54	75	81	96	82	84	79
53	74	80	94	80	82	77
52	73	78	92	78	80	76
51	71	77	90	77	79	74
50	70	75	88	75	77	72
49	69	74	86	74	75	71
48	67	72	84	72	74	69
47	66	71	82	70	72	67
46	65	69	80	69	70	66
45	63	68	78	67	69	64
44	62	67	76	66	67	62
43	60	65	74	64	65	61
42	59	64	72	62	64	59
41	58	62	70	61	62	57
40	56	61	68	59	61	56
39	55	59	66	58	59	54
38	54	58	64	56	57	52
37	52	57	62	54	56	51
36	51	55	60	53	54	49
35	50	54	58	51	52	47
34	48	52	56	50	51	46
33	47	51	54	48	49	44
32	46	49	52	46	47	42
31	44	48	50	45	46	41
30	43	46	48	43	44	39
29	42	45	46	42	42	37
28	40	44	44	40	41	36
27	39	42	42	38	39	34
26	37	41	40	37	37	32
25	36	39	38	35	36	31
24	35	38	36	34	34	29
23	33	36	34	32	32	27
22	32	35	32	30	31	26
21	31	33	30	29	29	24
20	29	32	28	27	27	22

TABLE 299. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	28	31	26	26	26	21
18	27	29	24	24	24	19
17	25	28	22	22	22	17
16	24	26	20	21	21	16
15	23	25	18	19	19	14
14	21	23	16	18	17	12
13	20	22	14	16	16	11
12	18	20	12	14	14	9
11	17	19	10	13	12	7
10	16	18	8	11	11	6
9	14	16	6	10	9	4
8	13	15	4	8	7	2
7	12	13	2	6	6	1
6	10	12	0	5	4	- 1
5	9	10	- 2	3	3	- 3
4	8	9	- 4	2	1	- 4
3	6	8	- 6	0	- 1	- 6
2	5	6	- 8	- 2	- 2	- 8
1	4	5	- 10	- 3	- 4	- 9
0	2	3	- 12	- 5	- 6	- 11

TABLE 300. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	81	87	103	88	58	85
89	80	86	102	87	57	84
88	79	85	101	86	57	83
87	78	84	100	85	56	82
86	77	83	98	84	55	81
85	76	82	97	83	55	80
84	76	81	96	82	54	79
83	75	80	95	81	54	78
82	74	80	94	80	53	77
81	73	79	92	79	52	76
80	72	78	91	78	52	75
79	72	77	90	77	51	74
78	71	76	89	76	51	73
77	70	75	88	75	50	72
76	69	74	86	74	49	71
75	68	73	85	73	49	70
74	67	73	84	72	48	69
73	67	72	83	71	48	68
72	66	71	82	70	47	67
71	65	70	80	69	46	66
70	64	69	79	68	46	65
69	63	68	78	68	45	64
68	63	67	77	67	45	63
67	62	67	76	66	44	62
66	61	66	74	65	43	61
65	60	65	73	64	43	60
64	59	64	72	63	42	59
63	58	63	71	62	42	58
62	58	62	70	61	41	57
61	57	61	68	60	40	56
60	56	60	67	59	40	55
59	55	60	66	58	39	54
58	54	59	65	57	39	53
57	54	58	64	56	38	52
56	53	57	62	55	37	51
55	52	56	61	54	37	50
54	51	55	60	53	36	49
53	50	54	59	52	36	48
52	49	53	58	51	35	47
51	49	53	56	50	34	46
50	48	52	55	49	34	45

TABLE 300. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	47	51	54	48	33	44
48	46	50	53	47	33	43
47	45	49	52	46	32	42
46	45	48	50	45	31	41
45	44	47	49	44	31	40
44	43	47	48	43	30	39
43	42	46	47	42	30	38
42	41	45	45	41	29	37
41	41	44	44	40	28	36
40	40	43	43	39	28	35
39	39	42	42	39	27	34
38	38	41	41	38	26	33
37	37	40	40	37	26	32
36	36	40	38	36	25	31
35	36	39	37	35	25	30
34	35	38	36	34	24	29
33	34	37	35	33	23	28
32	33	36	34	32	23	27
31	32	35	32	31	22	26
30	32	34	31	30	22	25
29	31	33	30	29	21	24
28	30	33	29	28	20	23
27	29	32	27	27	20	22
26	28	31	26	26	19	21
25	27	30	25	25	19	20
24	27	29	24	24	18	19
23	26	28	23	23	17	18
22	25	27	21	22	17	17
21	24	27	20	21	16	16
20	23	26	19	20	16	15
19	23	25	18	19	15	14
18	22	24	17	18	14	13
17	21	23	15	17	14	12
16	20	22	14	16	13	11
15	19	21	13	15	13	10
14	18	20	12	14	12	9
13	18	20	11	13	11	8
12	17	19	9	12	11	7
11	16	18	8	11	10	6
10	15	17	7	11	10	5
9	14	16	6	10	9	4

TABLE 300. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	14	15	5	9	8	3
7	13	14	3	8	8	2
6	12	13	2	7	7	1
5	11	13	1	6	7	0
4	10	12	0	5	6	- 1
3	9	11	- 1	4	5	- 2
2	9	10	- 3	3	5	- 3
1	8	9	- 4	2	4	- 4
0	7	8	- 5	1	4	- 5

TABLE 301. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	102	110	135	114	74	117
111	101	109	134	113	73	116
110	101	108	133	112	73	115
109	100	107	132	111	72	114
108	99	106	130	110	72	113
107	98	105	129	109	71	112
106	97	104	128	108	70	111
105	97	104	1-7	107	70	110
104	96	103	126	106	69	109
103	95	102	124	105	69	108
102	94	101	123	104	68	107
101	93	100	122	103	67	106
100	93	99	121	102	67	105
99	92	98	120	101	66	104
98	91	98	118	100	66	103
97	90	97	117	99	65	102
96	89	96	116	98	64	101
95	88	95	115	97	64	100
94	88	94	114	96	63	99
93	87	93	112	95	63	98
92	86	92	111	94	62	97
91	85	91	110	93	61	96
90	84	91	109	92	61	95
89	84	90	108	91	60	94
88	83	89	106	90	60	93
87	82	88	105	90	59	92
86	81	87	104	89	58	91
85	80	86	103	88	58	90
84	80	85	102	87	57	89
83	79	85	101	86	57	88
82	78	84	99	85	56	87
81	77	83	98	84	55	86
80	76	82	97	83	55	85
79	75	81	96	82	54	84
78	75	80	95	81	54	83
77	74	79	93	80	53	82
76	73	79	92	79	52	81
75	72	78	91	78	52	80
74	71	77	90	77	51	79
73	71	76	89	76	51	78
72	70	75	87	75	50	77

TABLE 301. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	69	74	86	74	49	76
70	68	73	85	73	49	75
69	67	72	84	72	48	74
68	67	72	83	71	48	73
67	66	71	81	70	47	72
66	65	70	80	69	46	71
65	64	69	79	68	46	70
64	63	68	78	67	45	69
63	62	67	77	66	45	68
62	62	66	75	65	44	67
61	61	66	74	65	43	66
60	60	65	73	64	43	65
59	59	64	72	63	42	64
58	58	63	71	62	42	63
57	58	62	69	61	41	62
56	57	61	68	60	40	61
55	56	60	67	59	40	60
54	55	60	66	58	39	59
53	54	59	65	57	39	58
52	54	58	64	56	38	57
51	53	57	62	55	37	56
50	52	56	61	54	37	55
49	51	55	60	53	36	54
48	50	54	59	52	36	53
47	49	53	58	51	35	52
46	49	53	56	50	34	51
45	48	52	55	49	34	50
44	47	51	54	48	33	49
43	46	50	53	47	33	48
42	45	49	52	46	32	47
41	45	48	50	45	31	46
40	44	47	49	44	31	45
39	43	47	48	43	30	44
38	42	46	47	42	30	43
37	41	45	46	41	29	42
36	41	44	44	41	28	41
35	40	43	43	40	28	40
34	39	42	42	39	27	39
33	38	41	41	38	27	38
32	37	41	40	37	26	37
31	36	40	38	36	25	36

TABLE 301. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	36	39	37	35	25	35
29	35	38	36	34	24	34
28	34	37	35	33	24	33
27	33	36	34	32	23	32
26	32	35	32	31	22	31
25	32	34	31	30	22	30
24	31	34	30	29	21	29
23	30	33	29	28	21	28
22	29	32	28	27	20	27
21	28	31	26	26	19	26
20	28	30	25	25	19	25
19	27	29	24	24	18	24
18	26	28	23	23	18	23
17	25	28	22	22	17	22
16	24	27	21	21	16	21
15	24	26	19	20	16	20
14	23	25	18	19	15	19
13	22	24	17	18	15	18
12	21	23	16	17	14	17
11	20	22	15	17	13	16
10	19	21	13	16	13	15
9	19	21	12	15	12	14
8	18	20	11	14	12	13
7	17	19	10	13	11	12
6	16	18	9	12	10	11
5	15	17	7	11	10	10
4	15	16	6	10	9	9
3	14	15	5	9	9	8
2	13	15	4	8	8	7
1	12	14	3	7	7	6
0	11	13	1	6	7	5

TABLE 302. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	85	114	94	60	90	109
81	83	111	92	59	89	104
80	82	108	91	58	88	99
79	81	107	89	57	87	97
78	80	105	87	56	86	94
77	79	102	86	56	85	91
76	78	100	84	55	84	89
75	78	98	83	54	83	86
74	77	97	82	53	82	84
73	76	95	80	53	81	81
72	75	93	79	52	80	79
71	75	92	77	51	79	77
70	74	90	76	50	78	75
69	73	88	75	50	77	73
68	72	87	74	49	76	71
67	71	85	72	48	74	68
66	71	83	71	47	73	66
65	70	81	70	47	72	64
64	69	79	68	46	71	62
63	68	77	67	45	70	60
62	68	75	66	44	68	59
61	67	74	64	43	67	57
60	66	72	63	43	66	56
59	65	71	62	42	65	54
58	64	69	61	41	63	53
57	63	68	59	40	62	52
56	62	66	58	40	61	50
55	61	64	56	39	59	49
54	60	62	55	38	58	48
53	59	60	54	37	56	47
52	58	58	53	37	54	45
51	57	57	52	36	53	44
50	56	55	50	35	52	43
49	55	53	49	34	51	42
48	54	52	48	33	49	41
47	53	50	47	33	48	40
46	51	49	46	32	46	39
45	50	47	44	31	45	38
44	49	46	43	30	44	37
43	48	44	42	30	42	37
42	47	43	41	29	41	36

TABLE 302. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	46	42	40	28	40	35
40	44	41	39	28	38	34
39	43	40	38	27	37	34
38	42	38	36	26	36	33
37	40	37	35	26	35	32
36	39	36	34	25	33	31
35	37	35	33	24	32	31
34	36	34	32	24	31	30
33	35	34	31	23	30	29
32	33	33	31	22	29	29
31	32	32	30	22	29	28
30	31	31	29	21	28	27
29	30	30	28	20	27	27
28	29	30	27	20	26	26
27	28	29	27	19	26	25
26	27	28	26	18	25	24
25	26	27	25	17	24	23
24	25	26	24	17	23	23
23	24	25	23	16	22	22
22	23	24	22	15	22	21
21	21	23	21	15	2.	20
20	20	22	20	14	20	19
19	19	21	19	13	19	18
18	18	20	18	12	18	17
17	17	18	17	12	17	16
16	16	17	16	11	16	14
15	15	15	15	10	15	13
14	14	14	14	10	14	12
13	13	12	13	9	13	11
12	11	11	12	9	12	10
11	10	10	11	8	11	10
10	9	9	11	7	10	9
9	7	7	10	7	9	8
8	6	6	9	6	8	7
7	5	5	8	5	6	6
6	3	3	7	5	5	6
5	2	2	6	4	4	5
4	1	1	5	3	3	4
3	0	0	4	3	2	3
2	0	0	3	2	1	3
1	0	0	2	1	0	2

TABLE 302. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	0	0	1	1	0	1

TABLE 303. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	82	115	94	60	90	110
84	82	113	93	60	89	107
83	81	111	92	59	89	103
82	80	109	91	58	88	100
81	79	107	89	57	87	97
80	78	105	87	56	86	94
79	77	102	86	55	84	91
78	76	99	84	54	83	87
77	74	97	82	53	82	84
76	73	95	80	53	81	81
75	72	92	78	52	79	78
74	70	90	77	51	78	76
73	69	89	75	50	77	73
72	68	86	73	49	75	70
71	67	84	72	48	74	67
70	65	81	70	47	72	65
69	64	79	68	46	71	62
68	63	76	66	45	69	60
67	61	74	65	44	68	58
66	60	72	63	43	66	56
65	59	71	62	42	65	54
64	58	69	61	41	63	53
63	57	67	59	40	62	51
62	56	66	58	39	60	50
61	55	64	56	39	59	49
60	54	62	55	38	57	48
59	53	60	54	37	56	46
58	52	58	53	37	54	45
57	51	57	51	36	53	44
56	50	55	50	35	52	43
55	49	54	49	34	51	42
54	48	52	48	34	50	41
53	48	51	47	33	48	40
52	47	49	46	32	47	39
51	46	48	45	32	46	39
50	45	47	44	31	45	38
49	44	46	43	30	44	37
48	43	44	42	30	42	37
47	42	43	41	29	41	36
46	41	42	40	29	40	35
45	41	41	39	28	39	35

TABLE 303. ANCHOR TEST EQUATING STUDY: GRADE

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	40	40	38	27	38	34
43	39	39	37	27	37	34
42	38	39	37	26	36	33
41	38	38	36	26	35	33
40	37	37	35	25	34	32
39	36	36	34	25	34	31
38	36	36	34	25	33	31
37	35	35	33	24	32	30
36	34	34	32	24	31	30
35	33	34	32	23	31	29
34	33	33	31	23	30	29
33	32	33	30	22	29	28
32	31	32	30	22	29	28
31	30	31	29	21	28	27
30	29	30	28	20	27	27
29	28	30	27	20	26	26
28	27	29	27	19	26	25
27	26	28	26	18	25	24
26	25	27	25	18	24	23
25	24	26	24	17	23	23
24	23	25	23	16	22	22
23	22	25	23	16	22	21
22	22	24	22	15	21	20
21	21	23	21	14	20	20
20	20	22	20	14	20	19
19	19	21	19	13	19	18
18	18	19	18	12	18	17
17	17	18	17	12	17	15
16	16	16	16	11	16	14
15	15	15	15	10	15	13
14	14	14	14	10	15	12
13	13	13	14	9	14	11
12	13	12	13	9	13	11
11	12	11	12	8	12	10
10	11	10	12	8	11	10
9	10	9	11	7	10	9
8	10	8	10	7	9	8
7	9	7	9	6	8	8
6	8	6	9	6	8	7
5	7	5	8	5	7	7
4	6	4	7	5	6	6

TABLE 303. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	6	3	7	4	5	5
2	5	2	6	4	4	5
1	4	1	5	3	3	4
0	3	0	4	3	2	4

TABLE 304. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	82	85	95	60	90	112
116	82	85	95	60	90	112
115	82	85	94	60	90	111
114	82	85	94	60	90	109
113	82	84	93	60	90	107
112	81	84	93	59	89	106
111	81	83	92	59	89	104
110	81	83	92	59	88	102
109	80	82	91	58	88	100
108	80	82	90	58	88	99
107	79	81	89	57	87	97
106	79	81	89	57	86	96
105	78	80	88	57	86	95
104	78	80	87	56	85	93
103	77	79	86	56	85	92
102	77	79	86	55	84	91
101	76	79	85	55	84	90
100	76	78	84	55	83	88
99	75	78	83	54	83	87
98	75	77	83	54	83	85
97	74	77	82	53	82	84
96	74	77	81	53	81	83
95	73	76	80	53	81	82
94	73	76	79	52	80	80
93	72	75	79	52	80	79
92	71	75	78	51	79	78
91	71	74	[illegible]	51	79	76
90	70	74	[illegible]	50	78	75
89	69	73	75	50	77	74
88	69	73	75	50	77	72
87	68	72	74	49	76	71
86	68	72	73	49	75	70
85	67	72	73	48	75	69
84	67	71	72	48	74	68
83	66	71	71	47	73	66
82	66	70	70	47	73	65
81	65	70	70	47	72	64
80	65	70	69	46	72	63
79	64	69	68	46	71	62
78	64	69	68	45	70	61
77	63	68	67	45	70	60

TABLE 304. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	63	68	66	45	69	59
75	62	68	65	44	68	59
74	61	67	65	44	68	58
73	61	66	64	43	67	57
72	60	66	63	43	66	56
71	59	65	62	42	65	55
70	59	65	61	42	64	54
69	58	64	61	41	63	53
68	57	63	60	41	62	52
67	57	63	59	40	61	51
66	56	62	58	40	61	50
65	56	62	57	39	60	50
64	55	61	57	39	59	49
63	55	61	56	38	59	49
62	54	60	55	38	58	48
61	53	60	54	38	57	47
60	53	59	54	37	56	46
59	52	58	53	37	55	46
58	52	58	52	36	54	45
57	51	57	52	36	53	44
56	51	57	51	36	53	44
55	50	56	50	35	52	43
54	49	55	50	35	51	42
53	49	55	49	34	50	42
52	48	54	48	34	49	41
51	48	53	47	33	49	40
50	47	52	47	33	48	40
49	46	52	46	32	47	39
48	46	51	45	32	46	39
47	45	50	44	31	45	38
46	44	49	43	31	44	37
45	44	49	43	30	43	37
44	43	48	42	30	42	36
43	42	47	41	29	41	36
42	41	46	40	28	40	35
41	40	45	39	28	39	35
40	39	44	38	27	38	34
39	39	43	37	27	37	33
38	38	41	36	26	36	33
37	37	40	35	25	34	32
36	36	39	34	25	33	31

TABLE 304. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	35	37	33	24	32	30
34	34	35	32	23	31	30
33	32	34	31	23	30	29
32	31	32	30	22	29	28
31	30	31	29	21	28	27
30	29	30	28	20	27	26
29	27	28	27	19	26	25
28	26	27	26	18	25	24
27	25	26	25	18	24	24
26	24	25	24	17	23	23
25	23	24	23	16	22	22
24	22	22	22	15	21	20
23	21	21	21	14	20	19
22	20	20	20	14	20	19
21	19	19	19	13	19	18
20	18	19	19	13	19	17
19	18	18	18	12	18	16
18	17	17	17	12	17	16
17	16	17	17	11	17	15
16	16	16	16	11	16	14
15	15	15	15	10	15	13
14	14	14	14	10	15	12
13	14	13	14	9	14	12
12	13	12	13	9	13	11
11	12	11	12	8	12	10
10	11	10	12	8	11	10
9	10	9	11	7	10	9
8	10	8	10	7	9	8
7	9	7	9	6	8	8
6	8	6	9	6	8	7
5	7	5	8	5	7	7
4	7	4	7	5	6	6
3	6	3	7	4	5	5
2	5	2	6	4	4	5
1	4	1	5	3	3	4
0	3	0	4	3	2	4

TABLE 305. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	82	85	116	60	90	112
94	82	85	115	60	90	110
93	82	84	113	60	89	107
92	81	83	111	59	89	104
91	80	82	109	58	88	100
90	80	82	108	58	87	98
89	79	81	107	57	87	97
88	78	80	105	57	86	95
87	78	80	104	56	85	93
86	77	79	103	56	85	92
85	77	79	101	55	84	90
84	76	78	100	55	83	88
83	75	78	99	54	83	86
82	74	77	97	54	82	84
81	74	77	96	53	81	83
80	73	76	95	53	81	81
79	72	76	94	52	80	80
78	72	75	92	51	79	78
77	71	74	91	51	79	76
76	70	74	90	50	78	75
75	69	73	89	50	77	73
74	68	72	87	49	76	71
73	68	72	86	49	75	69
72	67	71	84	48	74	68
71	66	71	83	47	73	66
70	65	70	82	47	72	65
69	65	70	80	46	72	63
68	64	69	79	46	71	62
67	63	69	77	45	70	61
66	62	68	76	44	69	59
65	62	67	74	44	68	58
64	61	67	73	43	67	57
63	60	66	72	43	66	55
62	59	65	71	42	65	54
61	58	64	70	41	64	53
60	58	64	68	41	63	52
59	57	63	67	40	62	51
58	56	62	66	40	61	50
57	55	62	65	39	60	50
56	55	61	63	39	59	49
55	54	60	62	38	58	48

TABLE 305. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	53	59	61	37	56	47
53	52	58	59	37	55	46
52	52	58	58	36	54	45
51	51	57	56	36	53	44
50	50	56	55	35	52	42
49	49	55	53	34	50	42
48	48	54	52	34	49	41
47	47	53	51	33	48	40
46	46	52	49	32	47	39
45	45	51	48	32	46	39
44	45	50	47	31	45	38
43	44	49	46	30	44	37
42	43	48	44	30	42	37
41	42	47	43	29	41	36
40	41	46	42	29	40	35
39	40	45	41	28	39	35
38	39	44	40	27	38	34
37	39	43	39	27	37	33
36	38	41	38	26	36	33
35	37	40	37	25	34	32
34	36	39	36	25	33	31
33	35	37	35	24	32	31
32	34	36	34	23	31	30
31	33	34	33	23	30	29
30	31	33	32	22	29	28
29	30	31	31	21	28	27
28	29	30	30	20	27	27
27	28	29	29	19	26	26
26	26	27	28	19	25	25
25	25	26	27	18	24	24
24	24	25	26	17	23	23
23	23	24	25	16	22	22
22	22	22	24	15	21	21
21	21	21	23	14	21	20
20	20	20	22	14	20	19
19	19	19	21	13	19	18
18	18	18	19	12	18	17
17	17	17	18	12	17	15
16	16	16	16	11	16	14
15	15	15	15	10	15	13
14	14	14	13	10	14	12

TABLE 305. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	13	12	12	9	13	11
12	12	11	11	8	12	10
11	11	9	9	8	10	9
10	9	8	8	7	9	8
9	8	7	6	6	8	8
8	7	5	5	5	7	7
7	6	4	4	5	5	6
6	5	2	2	4	4	5
5	4	1	1	3	3	4
4	3	0	0	2	2	3
3	2	0	0	2	0	2
2	1	0	0	1	0	2
1	0	0	0	0	0	1
0	0	0	0	0	0	0

TABLE 306. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	82	85	114	94	90	109
59	81	83	111	92	89	104
58	80	82	108	91	88	99
57	79	81	106	89	87	96
56	78	80	104	87	85	93
55	76	79	101	85	84	90
54	75	78	98	83	83	86
53	74	77	96	81	81	83
52	72	76	94	79	80	80
51	71	74	91	77	79	77
50	70	73	89	76	77	74
49	68	72	87	74	76	71
48	67	71	84	72	74	68
47	66	70	82	70	73	65
46	64	69	80	69	71	63
45	63	68	77	67	70	61
44	62	68	75	65	68	58
43	61	66	73	64	67	56
42	59	65	71	62	65	55
41	58	64	69	61	63	53
40	57	63	67	59	61	51
39	55	61	64	57	60	49
38	54	60	62	55	58	48
37	53	59	60	53	55	46
36	51	57	57	52	54	44
35	50	56	55	50	52	43
34	49	55	53	49	50	41
33	48	53	51	47	48	40
32	46	52	49	46	47	39
31	45	50	47	44	45	38
30	43	48	45	42	43	37
29	42	47	43	41	41	36
28	41	45	41	39	39	35
27	39	43	40	38	37	34
26	38	41	38	36	36	33
25	36	39	36	34	34	32
24	35	37	35	33	32	30
23	33	35	34	31	31	29
22	32	33	32	30	29	28
21	30	31	31	29	28	27
20	28	30	30	28	27	26

TABLE 306. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	27	28	29	27	26	25
18	26	27	28	26	25	24
17	25	25	26	24	24	23
16	23	24	25	23	22	22
15	22	22	24	22	21	20
14	20	21	23	20	20	19
13	19	19	21	19	19	18
12	17	18	19	18	18	16
11	16	16	16	16	16	14
10	14	14	14	15	15	12
9	13	12	12	13	13	11
8	11	10	10	12	11	10
7	10	8	8	10	10	9
6	8	6	6	9	8	7
5	7	4	4	8	6	6
4	5	3	3	6	4	5
3	4	1	1	5	3	4
2	2	0	0	3	1	3
1	1	0	0	2	0	2
0	0	0	0	1	0	0

TABLE 307, ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	82	85	114	94	60	109
89	81	84	112	93	59	105
88	80	82	109	91	58	101
87	79	81	107	90	57	98
86	78	80	105	88	57	95
85	77	80	103	86	56	92
84	76	79	101	85	55	90
83	75	78	99	83	54	87
82	74	77	97	82	54	84
81	73	76	95	81	53	82
80	72	76	94	79	52	80
79	71	75	92	78	51	77
78	70	74	90	76	51	75
77	69	73	89	75	50	73
76	68	72	87	74	49	71
75	68	72	86	73	49	69
74	67	71	84	72	48	68
73	66	71	83	71	47	66
72	65	70	81	70	47	64
71	64	69	79	68	46	62
70	63	69	78	67	45	61
69	63	68	76	66	44	59
68	62	67	75	65	44	58
67	61	67	73	64	43	57
66	60	66	72	63	43	56
65	59	65	71	63	42	55
64	59	65	70	62	42	54
63	58	64	69	60	41	53
62	57	63	68	59	40	52
61	56	63	67	58	40	51
60	56	62	65	57	39	50
59	55	61	64	56	39	49
58	54	60	63	55	38	48
57	54	60	61	55	38	47
56	53	59	60	54	37	47
55	52	59	59	53	37	46
54	52	58	58	52	36	45
53	51	57	57	51	36	44
52	50	56	55	50	35	43
51	49	55	54	50	35	42
50	49	54	53	49	34	41

TABLE 307. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	49	54	52	48	33	41
48	47	53	50	47	33	40
47	47	52	49	46	32	39
46	46	51	48	45	32	39
45	45	50	47	44	31	38
44	44	50	46	43	31	37
43	44	49	45	43	30	37
42	43	48	44	42	30	36
41	42	47	43	41	29	36
40	41	46	42	40	29	35
39	41	45	41	39	28	35
38	40	44	40	38	27	34
37	39	43	39	37	27	34
36	38	42	38	36	26	33
35	37	41	38	36	26	32
34	37	40	37	35	25	32
33	36	38	36	34	25	31
32	35	37	35	33	24	30
31	34	36	34	32	23	30
30	33	34	33	31	23	29
29	32	33	32	30	22	28
28	30	31	31	29	21	27
27	29	30	30	28	20	27
26	28	29	29	27	19	26
25	26	27	28	26	19	25
24	25	26	27	25	18	24
23	24	25	26	24	17	22
22	23	23	[illegible]	23	16	21
21	21	22	24	22	15	20
20	20	20	22	20	14	19
19	19	19	21	19	13	18
18	18	18	19	18	[illegible]	17
17	17	17	18	17	12	15
16	16	16	16	16	11	14
15	15	15	15	15	10	12
14	14	13	13	14	10	12
13	13	12	12	13	9	11
12	12	11	11	12	8	10
11	11	10	10	12	8	10
10	10	9	9	11	7	9
9	9	8	8	10	7	8

TABLE 307. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	9	7	7	9	6	8
7	8	6	5	8	6	7
6	7	4	4	8	5	6
5	6	3	3	7	4	6
4	5	2	2	6	4	5
3	4	1	1	5	3	4
2	3	0	0	4	3	4
1	2	0	0	4	2	3
0	1	0	0	3	2	2

TABLE 308. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	82	85	116	95	60	90
111	82	85	115	94	60	90
110	82	85	115	94	60	90
109	82	85	114	94	60	90
108	82	85	113	93	60	90
107	82	84	113	93	60	90
106	81	84	112	93	59	89
105	81	84	112	93	59	89
104	81	83	111	92	59	89
103	81	83	111	92	59	89
102	81	83	110	92	59	88
101	80	82	109	91	58	88
100	80	82	109	91	58	88
99	80	82	108	90	58	88
98	80	81	107	90	58	87
97	79	81	107	89	57	87
96	79	81	106	89	57	87
95	78	80	105	88	57	86
94	78	80	105	87	56	86
93	78	80	104	87	56	85
92	77	79	103	86	56	85
91	77	79	102	86	55	84
90	77	79	101	85	55	84
89	76	79	101	85	55	84
88	76	78	100	84	55	83
87	76	78	99	84	54	83
86	75	78	99	83	54	83
85	75	77	98	82	54	82
84	74	77	97	82	53	82
83	74	77	96	81	53	82
82	73	76	95	81	53	81
81	73	76	95	80	52	81
80	72	76	94	79	52	80
79	72	75	93	79	52	80
78	72	75	92	78	51	79
77	71	75	92	77	51	79
76	71	74	91	77	51	78
75	70	74	90	76	50	78
74	70	74	89	76	50	77
73	69	73	89	75	50	77
72	69	73	88	75	49	77

TABLE 308. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	68	72	87	74	49	76
70	68	72	86	73	49	75
69	67	72	85	73	48	75
68	67	71	85	72	48	74
67	66	71	84	72	48	74
66	66	71	83	71	47	73
65	65	70	82	70	47	73
64	65	70	31	69	47	72
63	65	70	80	69	46	71
62	64	69	79	68	46	71
61	63	69	78	67	45	70
60	63	68	77	67	45	70
59	62	68	76	66	44	69
58	62	67	75	65	44	68
57	61	67	74	64	43	67
56	60	66	73	64	43	66
55	60	66	72	63	42	65
54	59	65	70	62	42	64
53	58	64	69	61	41	63
52	57	64	68	60	41	62
51	57	63	67	59	40	61
50	56	62	65	58	39	60
49	55	61	64	56	39	59
48	54	60	62	55	38	58
47	53	60	61	54	38	57
46	53	59	60	53	37	55
45	52	58	58	52	36	54
44	51	57	57	52	36	53
43	50	56	55	51	35	52
42	49	55	54	50	35	51
41	48	54	52	48	34	50
40	47	53	50	47	33	48
39	46	51	49	46	32	47
38	45	50	47	44	31	45
37	44	49	45	43	30	43
36	42	47	43	41	29	41
35	41	46	42	40	28	40
34	40	44	40	38	27	38
33	38	42	39	37	26	36
32	37	40	37	35	26	35
31	36	38	36	34	25	33

TABLE 308. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	34	36	35	32	24	31
29	33	34	33	31	23	30
28	31	32	32	30	22	29
27	30	31	31	29	21	28
26	28	29	30	27	20	26
25	27	28	29	26	19	25
24	26	27	28	25	18	25
23	25	26	27	25	17	24
22	23	24	25	24	16	23
21	22	23	25	23	16	22
20	21	22	24	22	15	21
19	20	21	23	20	14	20
18	19	19	21	19	13	19
17	18	19	20	18	13	18
16	17	18	18	18	12	18
15	16	17	17	17	11	17
14	16	16	16	16	11	16
13	15	15	15	15	11	16
12	14	14	14	14	10	15
11	13	12	12	13	9	13
10	12	11	11	12	8	12
9	10	9	9	11	7	10
8	9	7	7	10	7	9
7	8	6	6	8	6	7
6	6	4	4	7	5	6
5	5	2	2	6	4	4
4	4	1	1	5	3	3
3	3	0	0	4	2	1
2	1	0	0	3	1	0
1	0	0	0	1	1	0
0	0	0	0	0	0	0

TABLE 309. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	87	105	89	59	91	86
81	86	104	88	58	90	85
80	85	102	86	58	89	83
79	84	101	85	57	87	82
78	83	99	84	56	86	81
77	82	98	83	55	85	80
76	81	96	82	55	83	78
75	80	95	80	54	82	77
74	79	93	79	53	81	76
73	78	92	78	52	80	75
72	77	90	77	52	78	73
71	75	89	76	51	77	72
70	74	87	74	50	76	71
69	73	86	73	49	75	70
68	72	84	72	49	73	68
67	71	83	71	48	72	67
66	70	81	70	47	71	66
65	69	80	68	46	70	64
64	68	78	67	46	68	63
63	67	77	66	45	67	62
62	66	75	65	44	66	61
61	65	74	63	44	64	59
60	63	72	62	43	63	58
59	62	71	61	42	62	57
58	61	69	60	41	61	56
57	60	68	59	41	59	54
56	59	66	57	40	58	53
55	58	65	56	39	57	52
54	57	63	55	38	56	51
53	56	61	54	38	54	49
52	55	60	53	37	53	48
51	54	58	51	36	52	47
50	53	57	50	35	51	46
49	51	55	49	35	49	44
48	50	54	48	34	48	43
47	49	52	47	33	47	42
46	48	51	45	32	45	40
45	47	49	44	32	44	39
44	46	48	43	31	43	38
43	45	46	42	30	42	37
42	44	45	41	29	40	35

TABLE 309. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	43	43	39	29	39	34
40	42	42	38	28	38	33
39	41	40	37	27	37	32
38	39	39	36	26	35	30
37	38	37	35	26	34	29
36	37	36	33	25	33	28
35	36	34	32	24	32	27
34	35	33	31	24	30	25
33	34	31	30	23	29	24
32	33	30	29	22	28	23
31	32	28	27	21	26	21
30	31	27	26	21	25	20
29	30	25	25	20	24	19
28	29	24	24	19	23	18
27	27	22	23	18	21	16
26	26	21	21	18	20	15
25	25	19	20	17	19	14
24	24	18	19	16	18	13
23	23	16	18	15	16	11
22	22	15	17	15	15	10
21	21	13	15	14	14	9
20	20	12	14	13	13	8
19	19	10	13	12	11	6
18	18	9	12	12	10	5
17	17	7	11	11	9	4
16	16	6	9	10	7	3
15	14	4	8	9	6	1
14	13	3	7	9	5	0
13	12	1	6	8	4	- 1
12	11	0	5	7	2	- 3
11	10	- 2	3	6	1	- 4
10	9	- 3	2	6	0	- 5
9	8	- 5	1	5	- 1	- 6
8	7	- 6	0	4	- 3	- 8
7	6	- 8	- 2	3	- 4	- 9
6	5	- 9	- 3	3	- 5	- 10
5	4	- 11	- 4	2	- 6	- 11
4	2	- 12	- 5	1	- 8	- 13
3	1	- 14	- 6	1	- 9	- 14
2	0	- 15	- 8	0	- 10	- 15
1	- 1	- 17	- 9	- 1	- 12	- 16

TABLE 309. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	- 2	- 18	- 10	- 2	- 13	- 18

TABLE 31C. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	80	102	86	57	88	83
84	79	100	85	57	87	82
83	78	99	84	56	86	81
82	77	98	83	55	85	80
81	76	96	82	55	84	79
80	75	95	81	54	82	77
79	74	93	79	53	81	76
78	73	92	78	53	80	75
77	73	91	77	52	79	74
76	72	89	76	51	78	73
75	71	88	75	51	77	72
74	70	87	74	50	75	70
73	69	85	73	49	74	69
72	68	84	72	49	73	68
71	67	82	71	48	72	67
70	66	81	70	47	71	66
69	65	80	68	47	70	65
68	64	78	67	46	69	63
67	63	77	66	45	67	62
66	62	76	65	45	66	61
65	62	74	64	44	65	60
64	61	73	63	43	64	59
63	60	71	62	42	63	58
62	59	70	61	42	62	57
61	58	69	60	41	60	55
60	57	67	59	40	59	54
59	56	66	57	40	58	53
58	55	65	56	39	57	52
57	54	63	55	38	56	51
56	53	62	54	38	55	50
55	52	60	53	37	53	48
54	51	59	52	36	52	47
53	50	58	51	36	51	46
52	50	56	50	35	50	45
51	49	55	49	34	49	44
50	48	54	47	34	48	43
49	47	52	46	33	46	41
48	46	51	45	32	45	40
47	45	49	44	32	44	39
46	44	48	43	31	43	38
45	43	47	42	30	42	37

TABLE 310. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	42	45	41	30	41	36
43	41	44	40	29	39	34
42	40	43	39	28	38	33
41	39	41	38	28	37	32
40	39	40	36	27	36	31
39	38	38	35	26	35	30
38	37	37	34	25	34	29
37	36	36	33	25	33	28
36	35	34	32	24	31	26
35	34	33	31	23	30	25
34	33	31	30	23	29	24
33	32	30	29	22	28	23
32	31	29	28	21	27	22
31	30	27	26	21	26	21
30	29	26	25	20	24	19
29	28	25	24	19	23	18
28	28	23	23	19	22	17
27	27	22	22	18	21	[illegible]
26	26	20	21	17	20	[illegible]
25	25	19	20	17	19	14
24	24	18	19	16	17	12
23	23	16	18	15	16	11
22	22	15	17	15	15	10
21	21	14	15	14	14	9
20	20	12	14	13	13	8
19	19	11	13	13	12	7
18	18	9	[illegible]	12	10	5
17	17	8	11	11	9	4
16	17	7	10	11	8	3
15	16	5	9	10	7	2
14	15	4	8	9	6	1
13	14	3	7	8	5	0
12	13	1	6	8	3	- 1
11	12	0	4	7	2	- 3
10	11	- 2	3	6	1	- 4
9	10	- 3	2	6	0	- 5
8	9	- 4	1	5	- 1	- 6
7	8	- 6	0	4	- 2	- 7
6	7	- 7	- 1	4	- 4	- 8
5	6	- 8	- 2	3	- 5	- 10
4	6	- 10	- 3	2	- 6	- 11

TABLE 310. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	5	- 11	- 4	2	- 7	- 12
2	4	- 13	- 6	1	- 8	- 13
1	3	- 14	- 7	0	- 9	- 14
0	2	- 15	- 8	0	- 10	- 15

TABLE 311. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	90	96	98	65	101	96
116	89	95	98	65	100	95
115	89	95	97	64	99	94
114	88	94	96	64	99	94
113	87	93	95	63	98	93
112	87	93	94	63	97	92
111	86	92	94	62	96	91
110	85	91	93	62	95	90
109	85	90	92	61	94	89
108	84	90	91	61	94	88
107	83	89	90	60	93	88
106	83	88	90	60	92	87
105	82	87	89	59	91	86
104	81	87	88	59	90	85
103	81	86	87	58	89	84
102	80	85	86	58	89	83
101	79	85	86	57	88	83
100	79	84	85	57	87	82
99	78	83	84	56	86	81
98	77	82	83	56	85	80
97	77	82	82	55	84	79
96	76	81	82	55	83	78
95	75	80	81	54	83	78
94	75	79	80	54	82	77
93	74	79	79	53	81	76
92	73	78	78	53	80	75
91	73	77	78	52	79	74
90	72	77	77	52	78	73
89	71	76	76	51	78	73
88	71	75	75	51	77	72
87	70	74	74	50	76	71
86	69	74	74	50	75	70
85	69	73	73	49	74	69
84	68	72	72	49	73	68
83	67	71	71	48	72	67
82	67	71	70	48	72	67
81	66	70	70	47	71	66
80	65	69	69	47	70	65
79	65	69	68	46	69	64
78	64	68	67	46	68	63
77	63	67	66	45	67	62

TABLE 311. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	63	66	66	45	67	62
75	62	66	65	44	66	61
74	61	65	64	44	65	60
73	61	64	63	43	64	59
72	60	63	62	43	63	58
71	59	63	62	42	62	57
70	59	62	61	42	62	57
69	58	61	60	41	61	56
68	57	61	59	41	60	55
67	57	60	58	40	59	54
66	56	59	58	40	58	53
65	55	58	57	39	57	52
64	55	58	56	39	56	51
63	54	57	55	38	56	51
62	53	56	54	38	55	50
61	53	56	54	37	54	49
60	52	55	53	37	53	48
59	51	54	52	36	52	47
58	51	53	51	36	51	46
57	50	53	50	35	51	46
56	49	52	49	35	50	45
55	49	51	49	34	49	44
54	48	50	48	34	48	43
53	47	50	47	33	47	42
52	47	49	46	33	46	41
51	46	48	45	32	46	41
50	45	48	45	32	45	40
49	45	47	44	31	44	39
48	44	46	43	31	43	38
47	43	45	42	30	42	37
46	43	45	41	30	41	36
45	42	44	41	29	40	35
44	41	43	40	29	40	35
43	41	42	39	28	39	34
42	40	42	38	28	38	33
41	39	41	37	27	37	32
40	39	40	37	27	36	31
39	38	40	36	27	35	30
38	37	39	35	26	35	30
37	37	38	34	26	34	29
36	36	37	33	25	33	28

TABLE 311. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	35	37	33	25	32	27
34	35	36	32	24	31	26
33	34	35	31	24	30	25
32	33	34	30	23	30	25
31	33	34	29	23	29	24
30	32	33	29	22	28	23
29	31	32	28	22	27	22
28	31	32	27	21	26	21
27	30	31	26	21	25	20
26	29	30	25	20	24	19
25	29	29	25	20	24	19
24	28	29	24	19	23	18
23	27	28	23	19	22	17
22	27	27	22	18	21	16
21	26	26	21	18	20	15
20	25	26	21	17	19	14
19	25	25	20	17	19	14
18	24	24	19	16	18	13
17	23	24	18	16	17	12
16	23	23	17	15	16	11
15	22	22	17	15	15	10
14	21	21	16	14	14	9
13	21	21	15	14	13	9
12	20	20	14	13	13	8
11	19	19	13	13	12	7
10	19	19	13	12	11	6
9	18	18	12	12	10	5
8	17	17	11	11	9	4
7	17	16	10	11	8	3
6	16	16	9	10	8	3
5	15	15	9	10	7	2
4	15	14	8	9	6	1
3	14	13	7	9	5	0
2	13	13	6	8	4	- 1
1	13	12	5	8	3	- 2
0	12	11	5	7	3	- 2

TABLE 312. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	87	93	113	63	98	93
94	86	92	112	62	97	92
93	86	91	110	62	96	90
92	85	90	109	61	94	89
91	84	90	108	60	93	88
90	83	89	107	60	92	87
89	82	88	105	59	91	86
88	81	87	104	59	90	85
87	81	86	103	58	89	84
86	80	85	102	57	88	83
85	79	84	100	57	87	82
84	78	83	99	56	86	81
83	77	82	98	56	85	80
82	76	81	97	55	84	79
81	76	80	95	54	83	78
80	75	80	94	54	82	77
79	74	79	93	53	81	76
78	73	78	92	52	80	75
77	72	77	90	52	79	74
76	71	76	89	51	78	73
75	71	75	88	51	77	72
74	70	74	87	50	76	71
73	69	73	85	49	75	69
72	68	72	84	49	73	68
71	67	71	83	48	72	67
70	66	70	82	48	71	66
69	66	70	80	47	70	65
68	65	69	79	46	69	64
67	64	68	78	46	68	63
66	63	67	77	45	67	62
65	62	66	75	44	66	61
64	62	65	74	44	65	60
63	61	64	73	43	64	59
62	60	63	72	43	63	58
61	59	62	70	42	62	57
60	58	61	69	41	61	56
59	57	61	68	41	60	55
58	57	60	67	40	59	54
57	56	59	65	40	58	53
56	55	58	64	39	57	52
55	54	57	63	38	56	51

TABLE 312. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	53	56	62	38	55	50
53	52	55	60	37	53	48
52	52	54	59	36	52	47
51	51	53	58	36	51	46
50	50	52	57	35	50	45
49	49	51	55	35	49	44
48	48	51	54	34	48	43
47	47	50	[illegible]3	33	47	42
46	47	49	52	33	46	41
45	46	48	51	32	45	40
44	45	47	49	32	44	39
43	44	46	48	31	43	38
42	43	45	47	30	42	37
41	42	44	46	30	41	36
40	42	43	44	29	40	35
39	41	42	43	28	39	34
38	40	42	42	28	38	33
37	39	41	41	27	37	32
36	38	40	39	27	36	31
35	37	39	38	26	35	30
34	37	38	37	25	33	29
33	36	37	36	25	32	27
32	35	36	34	24	31	26
31	34	35	33	24	30	25
30	33	34	32	23	29	24
29	32	33	31	22	28	23
28	32	32	29	22	27	22
27	31	32	28	21	26	21
26	30	31	27	20	25	20
25	29	30	26	20	24	19
24	28	29	24	19	23	18
23	27	28	23	19	22	17
22	27	27	22	18	21	16
21	26	26	21	17	20	15
20	25	25	19	17	19	14
19	24	24	18	16	18	13
18	23	23	17	16	17	12
17	22	23	16	15	16	11
16	22	22	14	14	15	10
15	21	21	13	14	14	9
14	20	20	12	13	12	7

TABLE 312. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	19	19	11	12	11	6
12	18	18	9	12	10	5
11	17	17	8	11	9	4
10	17	16	7	11	8	3
9	16	15	6	10	7	2
8	15	14	4	9	6	1
7	14	13	3	9	5	0
6	13	13	2	8	4	- 1
5	13	12	1	8	3	- 2
4	12	11	- 1	7	2	- 3
3	11	10	- 2	6	1	- 4
2	10	9	- 3	6	0	- 5
1	9	8	- 4	5	- 1	- 6
0	8	7	- 6	4	- 2	- 7

TABLE 313. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	83	89	107	90	93	88
59	82	87	105	89	91	86
58	81	86	103	87	89	84
57	79	84	101	85	88	83
56	78	83	99	84	86	81
55	77	82	97	82	84	79
54	75	80	95	81	82	77
53	74	79	93	79	81	76
52	73	77	91	77	79	74
51	71	76	89	76	77	72
50	70	74	87	74	76	71
49	69	73	85	72	74	69
48	67	71	83	71	72	67
47	66	70	81	69	70	65
46	64	68	79	68	69	64
45	63	67	77	66	67	62
44	62	65	75	64	65	60
43	60	64	73	63	64	59
42	59	62	71	61	62	57
41	58	61	69	59	60	55
40	56	59	66	58	59	54
39	55	58	64	56	57	52
38	54	57	62	55	55	50
37	52	55	60	53	53	48
36	51	54	58	51	52	47
35	50	52	56	50	50	45
34	48	51	54	48	48	43
33	47	49	52	46	47	42
32	46	48	50	45	45	40
31	44	46	48	43	43	38
30	43	45	46	42	41	36
29	42	43	44	40	40	35
28	40	42	42	38	38	33
27	39	40	40	37	36	31
26	37	39	38	35	35	30
25	36	37	36	33	33	28
24	35	36	34	32	31	26
23	33	34	32	30	29	25
22	32	33	30	29	28	23
21	31	32	28	27	26	21
20	29	30	26	25	24	19

TABLE 313. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	28	29	24	24	23	18
18	27	27	22	22	21	16
17	25	26	20	21	19	14
16	24	24	18	19	18	13
15	23	23	16	17	16	11
14	21	21	14	16	14	9
13	20	20	12	14	12	7
12	19	13	10	12	11	6
11	17	17	8	11	9	4
10	16	15	6	9	7	2
9	15	14	4	8	6	1
8	13	12	2	6	4	- 1
7	12	11	0	4	2	- 3
6	10	9	- 2	3	0	- 4
5	9	8	- 4	1	- 1	- 6
4	8	7	- 6	- 1	- 3	- 8
3	6	5	- 9	- 2	- 5	- 10
2	5	4	- 11	- 4	- 6	- 11
1	4	2	- 13	- 5	- 8	- 13
0	2	1	- 15	- 7	- 10	- 15

TABLE 314. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	81	87	104	88	58	85
89	80	86	103	87	58	84
88	80	85	102	86	57	83
87	79	84	100	85	57	82
86	78	83	99	84	56	81
85	77	82	98	83	56	80
84	77	81	97	82	55	79
83	76	81	96	81	54	78
82	75	80	94	80	54	77
81	74	79	93	79	53	76
80	73	78	92	78	53	75
79	73	77	91	77	52	74
78	72	76	90	76	51	73
77	71	75	88	75	51	72
76	70	75	87	75	50	71
75	69	74	86	74	50	70
74	69	73	85	73	49	69
73	68	72	84	72	49	68
72	67	71	83	71	48	67
71	66	70	81	70	47	66
70	65	69	80	69	47	65
69	65	69	79	68	46	64
68	64	68	78	67	46	63
67	63	67	77	66	45	62
66	62	66	75	65	44	61
65	62	65	74	64	44	60
64	61	64	[illegible]	63	43	59
63	60	63	72	62	43	58
62	59	62	71	61	42	57
61	58	62	69	60	42	56
60	58	61	68	59	41	55
59	57	60	67	58	40	54
58	56	59	66	57	40	53
57	55	58	65	56	39	52
56	54	57	64	55	39	51
55	54	56	62	55	38	50
54	53	56	61	54	37	49
53	52	55	60	53	37	48
52	51	54	59	52	36	47
51	50	53	58	51	36	46
50	50	52	56	50	35	45

TABLE 314. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	49	51	55	49	34	44
48	48	50	54	48	34	43
47	47	50	53	47	33	42
46	47	49	52	46	33	41
45	46	48	50	45	32	40
44	45	47	49	44	32	39
43	44	46	48	43	31	38
42	43	45	47	42	30	37
41	43	44	46	41	30	36
40	42	44	45	40	29	35
39	41	43	43	39	29	34
38	40	42	42	38	28	33
37	39	41	41	37	27	32
36	39	40	40	36	27	31
35	38	39	39	36	26	30
34	37	38	37	35	26	29
33	36	38	36	34	25	28
32	35	37	35	33	25	27
31	35	36	34	32	24	26
30	34	35	33	31	23	25
29	33	34	32	30	23	24
28	32	33	30	29	22	23
27	32	32	29	28	22	22
26	31	31	28	27	21	21
25	30	31	27	26	20	20
24	29	30	26	25	20	19
23	28	29	24	24	19	18
22	28	28	23	23	19	17
21	27	27	22	22	18	16
20	26	26	21	21	18	15
19	25	25	20	20	17	14
18	24	25	18	19	16	13
17	24	24	17	18	16	12
16	23	23	16	17	15	11
15	22	22	15	17	15	10
14	21	21	14	16	14	9
13	20	20	13	15	13	8
12	20	19	11	14	13	7
11	19	19	10	13	12	6
10	18	18	9	12	12	5
9	17	17	8	11	11	4

TABLE 314. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	17	16	7	10	10	3
7	16	15	5	9	10	2
6	15	14	4	8	9	1
5	14	13	3	7	9	0
4	13	13	2	6	8	- 1
3	13	12	1	5	8	- 2
2	12	11	- 1	4	7	- 3
1	11	10	- 2	3	6	- 4
0	10	9	- 3	2	6	- 5

TABLE 315. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	103	110	136	114	74	117
111	102	109	135	113	74	116
110	101	108	134	112	73	115
109	100	107	132	111	73	114
108	100	106	131	110	72	113
107	99	106	130	109	71	112
106	98	105	129	108	71	111
105	97	104	128	107	70	110
104	96	103	127	106	70	109
103	96	102	125	105	69	108
102	95	101	124	104	69	107
101	94	100	123	103	68	106
100	93	100	122	102	67	105
99	92	99	121	101	67	104
98	92	98	119	100	66	103
97	91	97	118	99	66	102
96	90	96	117	98	65	101
95	89	95	116	97	64	100
94	88	94	115	96	64	99
93	88	94	113	96	63	98
92	87	93	112	95	63	97
91	86	92	111	94	62	96
90	85	91	110	93	61	95
89	84	90	109	92	61	94
88	84	89	108	91	60	93
87	83	88	106	90	60	92
86	82	88	105	89	59	91
85	81	87	104	88	59	90
84	81	86	103	87	58	89
83	80	85	102	86	57	88
82	79	84	100	85	57	87
81	78	83	99	84	56	86
80	77	82	98	83	56	85
79	77	81	97	82	55	84
78	76	81	96	81	54	83
77	75	80	94	80	54	82
76	74	79	93	79	53	81
75	73	78	92	78	53	80
74	73	77	91	77	52	79
73	72	76	90	76	52	78
72	71	75	89	76	51	77

TABLE 315. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	70	75	87	75	50	76
70	69	74	86	74	50	75
69	69	73	85	73	49	74
68	68	72	84	72	49	73
67	67	71	83	71	48	72
66	66	70	81	70	47	71
65	65	69	80	69	47	70
64	65	69	79	68	46	69
63	64	68	78	67	46	68
62	63	67	77	66	45	67
61	62	66	75	65	44	66
60	62	65	74	64	44	65
59	61	64	73	63	43	64
58	60	63	72	62	43	63
57	59	63	71	61	42	62
56	58	62	70	60	42	61
55	58	61	68	59	41	60
54	57	60	67	58	40	59
53	56	59	66	57	40	58
52	55	58	65	56	39	57
51	54	57	64	56	39	56
50	54	56	62	55	38	55
49	53	56	61	54	37	54
48	52	55	60	53	37	53
47	51	54	59	52	36	52
46	50	53	58	51	36	51
45	50	52	56	50	35	50
44	49	51	55	49	35	49
43	48	50	54	48	34	48
42	47	50	53	47	33	47
41	47	49	52	46	33	46
40	46	48	50	45	32	45
39	45	47	49	44	32	44
38	44	46	48	43	31	43
37	43	45	47	42	30	42
36	43	44	46	41	30	41
35	42	44	45	40	29	40
34	41	43	43	39	29	39
33	40	42	42	38	28	39
32	39	41	41	37	27	37
31	39	40	40	36	27	36

TABLE 315. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	38	39	39	36	26	35
29	37	38	37	35	26	34
28	36	38	36	34	25	33
27	35	37	35	33	25	32
26	35	36	34	32	24	31
25	34	35	33	31	23	30
24	33	34	31	30	23	29
23	32	33	30	29	22	28
22	31	32	29	28	22	27
21	31	31	28	27	21	26
20	30	31	27	26	20	25
19	29	30	26	25	20	24
18	28	29	24	24	19	23
17	28	28	23	23	19	22
16	27	27	22	22	18	21
15	26	26	21	21	18	20
14	25	25	20	20	17	19
13	24	25	18	19	16	18
12	24	24	17	18	16	17
11	23	23	16	17	15	16
10	22	22	15	16	15	15
9	21	21	14	16	14	14
8	20	20	12	15	13	13
7	20	19	11	14	13	12
6	19	19	10	13	12	11
5	18	18	9	12	12	10
4	17	17	6	11	11	9
3	16	16	7	10	10	8
2	16	15	5	9	10	7
1	15	14	4	8	9	6
0	14	13	3	7	9	5

TABLE 316. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	85	113	94	60	90	109
81	83	111	92	59	89	104
80	82	108	90	58	87	99
79	81	107	89	57	86	96
78	80	104	87	56	85	[illegible]3
77	79	102	85	55	84	90
76	78	100	84	55	83	87
75	78	98	83	54	82	84
74	77	96	81	53	81	82
73	76	94	80	53	80	79
72	75	93	78	52	79	77
71	74	91	77	51	78	75
70	73	89	75	50	77	72
69	73	88	74	50	76	70
68	72	86	73	49	75	68
67	71	84	71	48	74	66
66	70	82	70	47	72	64
65	69	80	68	47	71	62
64	68	78	67	46	70	60
63	68	76	66	45	68	58
62	67	74	64	44	67	57
61	66	73	63	44	66	55
60	65	71	62	43	64	[illegible]
59	64	69	60	42	63	[illegible]
58	63	68	59	41	61	51
57	62	66	58	41	60	50
56	61	64	56	40	58	48
55	60	62	55	39	56	47
54	58	60	54	38	55	46
53	57	58	52	37	53	45
52	56	56	51	37	52	43
51	55	55	50	36	50	42
50	54	53	49	35	49	41
49	53	51	47	34	47	40
48	52	50	46	34	46	39
47	50	48	45	33	44	38
46	49	47	44	32	43	37
45	48	45	42	31	42	36
44	47	44	41	31	40	35
43	45	42	40	30	39	34
42	44	41	39	29	38	34

TABLE 316. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	43	40	37	28	36	33
40	41	39	36	28	35	32
39	40	38	36	27	34	31
38	39	37	35	26	33	31
37	38	36	34	26	32	30
36	36	35	33	25	31	29
35	35	34	32	24	30	29
34	34	33	31	23	29	28
33	32	33	30	23	28	27
32	31	32	29	22	28	27
31	30	31	28	21	27	26
30	29	30	28	21	26	25
29	28	30	27	20	25	25
28	27	29	26	19	25	24
27	26	28	25	19	24	23
26	25	27	25	18	23	22
25	24	27	24	17	22	22
24	23	26	23	17	22	21
23	22	25	22	16	21	20
22	21	24	21	15	20	19
21	20	23	20	15	19	18
20	19	22	19	14	18	17
19	18	20	18	13	18	16
18	17	19	17	13	17	15
17	16	17	16	12	16	14
16	15	15	15	11	14	13
15	14	14	14	10	14	12
14	13	13	12	10	13	10
13	12	12	11	9	12	9
12	11	11	10	8	11	8
11	9	9	8	7	10	7
10	8	8	7	7	9	6
9	7	7	6	6	8	5
8	6	6	4	5	8	4
7	5	5	3	4	7	3
6	3	3	2	4	6	2
5	2	2	0	3	5	1
4	1	1	0	2	4	0
3	0	0	0	1	3	0
2	0	0	0	1	2	0
1	0	0	0	0	2	0

TABLE 316. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	0	0	0	0	1	0

TABLE 317. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	82	114	94	60	90	110
84	82	112	93	59	89	106
83	81	110	92	59	88	102
82	80	108	90	58	87	99
81	79	106	88	57	86	95
80	78	104	87	56	85	92
79	77	102	85	55	84	89
78	76	99	83	54	83	86
77	74	97	82	54	82	83
76	73	95	80	53	81	80
75	72	92	78	52	79	77
74	71	90	76	51	78	74
73	70	88	75	50	77	71
72	68	86	73	49	75	69
71	67	84	71	48	74	66
70	66	82	70	47	72	64
69	65	79	68	46	71	61
68	64	77	66	46	69	59
67	62	75	65	45	67	57
66	61	73	63	44	66	56
65	[illegible]	71	62	43	64	54
64	59	70	51	42	63	53
63	58	68	59	41	61	51
62	57	66	58	41	60	50
61	56	64	57	40	58	49
60	55	63	55	39	57	47
59	55	61	[illegible]	38	56	46
58	54	59	[illegible]	38	54	45
57	53	58	52	37	53	44
56	52	56	51	36	51	43
55	51	54	50	36	50	42
54	50	53	49	35	49	41
53	49	52	48	35	48	40
52	48	50	47	34	47	39
51	48	49	46	33	45	39
50	47	48	44	33	44	38
49	46	46	43	32	43	37
48	45	45	42	31	42	36
47	44	44	41	31	41	36
46	44	43	40	30	40	35
45	43	42	40	30	39	34

TABLE 317. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	42	41	39	29	38	34
43	41	40	38	29	37	33
42	41	39	37	28	36	33
41	40	39	36	28	35	32
40	39	38	35	27	34	31
39	38	37	35	26	33	31
38	37	36	34	26	32	30
37	37	36	33	25	32	30
36	36	35	32	25	31	29
35	35	34	32	24	30	29
34	34	34	31	24	29	28
33	34	33	30	23	29	28
32	33	32	30	22	28	27
31	32	32	29	22	27	27
30	31	31	28	21	27	26
29	30	30	27	21	26	25
28	29	30	27	20	25	25
27	28	29	26	19	24	24
26	27	28	25	18	24	23
25	26	27	24	18	23	22
24	25	26	23	17	22	21
23	24	26	23	16	21	21
22	23	25	22	16	21	20
21	22	24	21	15	20	19
20	21	22	20	14	19	18
19	20	21	19	14	18	17
18	19	20	[illegible]	13	17	16
17	18	18	17	12	16	15
16	17	17	16	12	15	13
15	16	15	15	11	14	12
14	15	14	14	10	13	11
13	14	13	12	10	13	11
12	13	12	11	9	12	10
11	12	11	10	8	11	9
10	12	10	9	8	11	8
9	11	9	8	7	10	7
8	10	8	7	7	9	6
7	9	7	6	6	8	5
6	8	6	5	5	8	4
5	7	5	3	5	7	4
4	7	4	2	4	6	3

TABLE 317. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	6	3	1	3	6	2
2	5	2	0	3	5	1
1	4	1	0	2	4	0
0	3	0	0	2	3	0

TABLE 318. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	82	85	95	60	90	112
116	82	85	95	60	90	112
115	82	85	95	60	90	112
114	82	85	94	60	90	111
113	82	85	94	60	90	108
112	82	84	93	59	89	106
111	81	84	92	59	89	104
110	81	83	91	59	88	102
109	80	82	91	58	88	100
108	80	82	90	58	87	98
107	79	81	89	57	87	97
106	79	81	88	57	86	95
105	78	80	88	57	86	94
104	78	80	87	56	85	92
103	77	80	86	56	85	91
102	77	79	85	55	84	90
101	77	79	85	55	84	88
100	76	78	84	55	83	87
99	76	78	83	54	83	86
98	75	78	83	54	82	84
97	75	77	82	54	82	83
96	74	77	81	53	81	82
95	73	76	80	53	81	80
94	73	76	79	52	80	79
93	72	75	78	52	80	78
92	72	75	78	52	79	76
91	71	74	77	51	78	75
90	71	74	76	51	78	73
89	70	73	75	50	77	72
88	69	73	74	50	76	71
87	69	72	74	49	76	70
86	68	72	73	49	75	68
85	68	72	72	49	74	67
84	67	71	71	48	74	66
[illegible]	67	71	71	48	73	65
[illegible]	66	70	70	48	72	64
[illegible]	66	70	69	47	72	63
80	65	69	68	47	71	62
79	65	69	68	46	70	61
78	64	68	67	46	70	60
77	64	68	66	46	69	59

TABLE 318. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	63	68	66	45	68	58
75	62	67	65	45	68	57
74	62	66	64	44	67	56
73	61	65	63	44	66	55
72	61	65	62	43	65	54
71	60	65	62	43	64	54
70	59	64	61	42	63	53
69	59	64	60	42	62	52
68	58	63	59	41	61	51
67	58	63	58	41	61	51
66	57	62	58	41	60	50
65	57	61	57	40	59	49
64	56	61	56	40	58	48
63	56	60	56	39	57	48
62	55	60	55	39	56	47
61	55	59	54	39	56	46
60	54	59	54	38	55	46
59	54	58	53	38	54	45
58	53	57	52	37	53	44
57	52	57	52	37	52	44
56	52	56	51	36	52	43
55	51	56	50	36	51	43
54	51	55	50	36	50	42
53	50	54	49	35	49	41
52	50	53	48	35	48	41
51	49	53	47	34	47	40
50	48	52	46	34	46	39
49	48	51	46	33	45	39
48	47	50	45	33	44	38
47	46	50	44	32	44	37
46	46	49	43	32	43	37
45	45	48	42	31	42	36
44	44	47	41	31	41	35
43	44	46	40	30	40	35
42	43	45	39	30	38	34
41	42	44	39	29	37	34
40	41	43	38	28	36	33
39	40	42	37	28	35	32
38	39	40	36	27	34	31
37	38	39	34	26	33	31
36	37	37	33	26	32	30

TABLE 318. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	36	36	32	25	31	29
34	35	35	32	24	30	29
33	34	33	31	23	29	28
32	32	32	29	22	28	27
31	31	30	28	21	27	26
30	30	29	27	20	26	25
29	28	27	26	19	25	24
28	27	26	25	19	24	23
27	26	25	24	18	23	22
26	24	24	23	17	22	21
25	23	22	22	16	21	20
24	22	21	21	15	20	19
23	21	21	20	15	19	18
22	20	20	20	14	19	18
21	20	19	19	14	18	17
20	19	18	18	13	17	16
19	18	18	17	13	17	15
18	17	17	17	12	16	14
17	17	16	16	12	15	14
16	16	16	15	11	15	13
15	16	15	15	11	14	12
14	15	14	14	10	14	11
13	14	13	13	10	13	11
12	13	12	11	9	12	10
11	12	11	10	8	11	9
10	12	10	9	8	11	8
9	11	9	8	7	10	7
8	10	8	7	7	9	6
7	9	7	6	6	8	5
6	8	6	5	5	8	4
5	7	5	3	5	7	4
4	7	4	2	4	6	3
3	6	3	1	3	6	2
2	5	2	0	3	5	1
1	4	1	0	2	4	0
0	3	0	0	2	3	0

TABLE 319. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	82	85	115	60	90	112
94	82	85	114	60	90	110
93	82	84	112	60	89	107
92	81	83	111	59	89	104
91	81	83	110	58	88	101
90	80	82	108	58	87	99
89	79	81	107	57	87	96
88	79	81	106	57	86	95
87	78	80	104	56	85	93
86	77	80	103	56	85	91
85	77	79	102	55	84	89
84	76	78	100	55	83	87
83	75	78	99	54	83	85
82	75	77	97	54	82	84
81	74	77	96	53	81	82
80	73	76	95	53	81	80
79	73	76	94	52	80	79
78	72	75	93	52	79	77
77	71	74	91	51	79	75
76	71	74	90	51	78	73
75	70	73	89	50	77	72
74	69	73	88	50	76	70
73	68	72	86	49	75	69
72	68	71	85	49	74	67
71	67	71	83	48	73	66
70	66	70	82	48	72	64
69	66	70	81	47	72	63
68	65	69	80	47	71	62
67	64	68	78	46	70	60
66	63	68	77	45	69	59
65	63	67	75	45	68	58
64	62	67	74	44	67	56
63	61	66	73	44	66	55
62	60	65	72	43	65	54
61	60	64	70	42	63	53
60	59	64	69	42	62	52
59	58	63	68	41	61	51
58	57	62	66	41	60	50
57	57	61	65	40	59	49
56	56	61	64	40	58	48
55	55	60	62	39	57	47

TABLE 319. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	54	59	61	38	55	46
53	54	58	59	38	54	45
52	53	57	58	37	53	44
51	52	56	56	37	52	43
50	51	55	55	36	50	42
49	50	54	53	35	49	41
48	50	53	52	35	48	41
47	49	52	51	34	47	40
46	48	52	50	34	46	39
45	47	51	48	33	45	38
44	46	50	47	32	44	37
43	46	49	46	32	43	37
42	45	48	45	31	41	36
41	44	47	44	31	40	35
40	43	46	43	30	39	35
39	42	44	42	29	38	34
38	42	43	41	29	37	33
37	41	42	39	28	36	33
36	40	41	39	27	35	32
35	39	40	38	27	34	31
34	38	38	37	26	33	30
33	36	37	36	25	32	30
32	35	35	35	24	31	29
31	34	34	34	24	29	28
30	33	33	33	23	28	27
29	32	31	32	22	27	27
28	31	30	31	21	27	26
27	29	29	30	20	26	25
26	28	27	29	19	25	24
25	27	26	28	18	24	23
24	25	25	27	18	23	22
23	24	24	26	17	22	21
22	23	22	25	16	21	20
21	22	21	24	15	20	19
20	21	20	23	14	19	18
19	20	19	21	14	18	17
18	19	18	20	13	17	16
17	18	17	18	12	16	15
16	17	16	17	12	15	14
15	16	15	16	11	15	13
14	15	15	14	11	14	12

TABLE 319. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	15	14	14	10	13	11
12	14	13	13	9	12	10
11	13	12	12	9	12	9
10	12	11	11	8	11	9
9	12	10	10	8	11	8
8	11	9	9	7	10	7
7	10	8	8	7	9	6
6	9	7	7	6	9	6
5	9	6	6	6	8	5
4	8	6	6	5	7	4
3	7	5	5	4	7	3
2	6	4	4	4	6	2
1	6	3	3	3	6	2
0	5	2	2	3	5	1

TABLE 320. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	82	85	113	94	90	109
59	81	84	111	92	89	104
58	80	82	109	90	88	99
57	79	81	106	88	86	95
56	78	80	104	87	85	92
55	76	79	101	85	84	88
54	75	78	98	83	82	85
53	74	76	96	81	81	81
52	72	75	93	78	80	78
51	71	74	91	77	78	75
50	70	73	89	75	77	71
49	68	72	86	73	75	68
48	67	71	83	71	73	65
47	66	70	81	69	72	63
46	64	69	78	67	70	60
45	63	67	76	65	68	58
44	62	66	74	64	66	56
43	60	65	72	62	65	54
42	59	64	69	60	63	52
41	58	63	67	58	61	51
40	57	61	65	57	59	49
39	55	60	62	55	57	47
38	54	58	60	54	55	46
37	53	57	57	52	53	44
36	51	55	55	50	51	42
35	50	54	53	49	49	41
34	49	52	51	47	47	40
33	47	51	49	45	45	38
32	46	49	47	44	43	37
31	45	47	45	42	41	36
30	43	46	43	40	39	35
29	42	44	41	39	37	34
28	41	42	39	37	36	33
27	39	40	38	36	34	31
26	38	38	37	34	33	30
25	36	37	35	33	31	30
24	35	35	34	32	30	29
23	34	33	33	30	29	28
22	32	31	32	29	28	27
21	31	30	31	28	27	26
20	29	28	30	27	25	25

TABLE 320. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	28	27	29	26	24	24
18	26	25	27	25	23	23
17	25	24	26	23	22	21
16	23	23	25	22	21	20
15	22	21	24	21	20	19
14	20	20	22	19	19	17
13	19	18	20	18	17	16
12	17	17	18	17	16	14
11	16	15	15	15	14	13
10	15	14	14	13	13	11
9	13	12	12	11	12	10
8	12	10	10	10	11	8
7	11	9	9	8	10	7
6	9	7	7	6	9	5
5	8	6	6	4	7	4
4	7	4	4	2	6	3
3	5	2	2	0	5	1
2	4	1	1	0	4	0
1	3	0	0	0	3	0
0	1	0	0	0	2	0

TABLE 321. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	82	85	114	94	60	110
89	81	84	112	93	59	106
88	81	83	110	91	58	102
87	80	82	108	90	58	98
86	79	81	106	88	57	95
85	78	80	104	87	56	92
84	77	79	102	85	55	89
83	76	78	99	84	55	86
82	75	77	97	82	54	84
81	74	76	96	81	53	81
80	73	76	94	79	52	79
79	72	75	92	78	52	76
78	71	74	91	76	51	74
77	70	73	89	75	50	72
76	69	73	88	74	50	70
75	68	72	86	73	49	68
74	67	71	84	72	48	67
73	67	71	83	71	48	65
72	66	70	82	70	47	64
71	65	69	80	68	47	62
70	64	69	79	67	46	61
69	64	68	77	66	46	59
68	63	67	76	65	45	58
67	62	67	75	64	44	57
66	61	66	73	63	44	56
65	61	65	72	63	43	55
64	60	65	71	62	43	54
63	59	64	70	61	42	53
62	59	64	69	60	42	52
61	58	63	68	59	41	51
60	57	62	66	58	41	50
59	57	61	65	57	40	49
58	56	61	64	56	40	48
57	55	60	63	55	39	48
56	55	59	62	55	39	47
55	54	59	60	54	38	46
54	54	58	59	53	38	45
53	53	57	58	52	37	44
52	52	56	57	51	37	44
51	52	56	55	51	36	43
50	51	55	54	50	36	42

TABLE 321. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	50	54	53	49	35	41
48	50	53	52	48	35	40
47	49	52	51	47	34	40
46	48	52	50	46	34	39
45	47	51	49	45	33	38
44	47	50	48	44	33	38
43	46	49	47	44	32	37
42	45	48	46	43	31	36
41	45	47	45	42	31	36
40	44	46	44	41	30	35
39	43	45	43	40	30	35
38	42	44	42	39	29	34
37	42	43	41	38	29	33
36	41	42	40	37	28	33
35	40	41	39	36	28	32
34	39	40	38	35	27	31
33	38	39	37	34	26	31
32	37	37	36	33	26	30
31	36	36	35	33	25	29
30	35	35	34	32	24	29
29	34	33	33	31	23	28
28	33	32	32	30	22	27
27	31	31	31	29	22	26
26	30	29	30	28	21	25
25	29	28	29	27	20	24
24	27	27	28	26	19	23
23	26	25	27	24	18	22
22	25	24	26	23	17	21
21	23	23	25	22	16	20
20	22	21	24	21	15	19
19	21	20	23	20	14	18
18	20	19	21	19	14	17
17	19	18	19	18	13	16
16	17	17	18	17	12	14
15	17	16	16	16	11	13
14	16	15	15	14	11	12
13	14	14	13	13	10	11
12	13	12	12	11	9	10
11	12	11	11	10	8	8
10	11	9	9	8	7	7
9	10	8	8	7	6	6

TABLE 321. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	9	6	6	5	6	5
7	7	5	5	3	5	4
6	6	4	4	2	4	2
5	5	2	2	0	3	1
4	4	1	1	0	2	0
3	3	0	0	0	1	0
2	2	0	0	0	0	0
1	0	0	0	0	0	0
0	0	0	0	0	0	0

TABLE 322. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	82	85	115	95	60	90
111	82	85	114	94	60	90
110	82	85	114	94	60	90
109	82	85	113	94	60	90
108	82	85	113	93	60	90
107	82	84	112	93	60	89
106	82	84	112	93	59	89
105	81	84	111	92	59	89
104	81	83	111	92	59	89
103	81	83	110	92	59	88
102	81	83	110	91	59	88
101	81	83	109	91	58	88
100	80	82	109	91	58	88
99	80	82	108	90	58	87
98	80	82	108	90	58	87
97	79	82	107	89	58	87
96	79	81	107	89	57	86
95	79	81	106	88	57	86
94	79	81	105	88	57	86
93	78	80	105	87	56	85
92	78	80	104	87	56	85
91	77	80	103	86	56	85
90	77	79	102	85	56	84
89	77	79	101	85	55	84
88	76	79	101	85	55	84
87	76	78	100	84	55	83
86	76	78	99	84	54	83
85	75	78	98	83	54	83
84	75	77	98	82	54	82
83	75	77	97	82	54	82
82	74	77	96	81	53	81
81	74	76	96	80	53	81
80	73	76	95	80	53	81
79	73	76	94	79	52	80
78	72	75	93	79	52	80
77	72	75	93	78	52	79
76	72	75	92	77	52	79
75	71	74	91	77	51	78
74	71	74	91	76	51	78
73	70	74	90	76	51	78
72	70	73	89	75	50	77

TABLE 322. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	70	73	88	75	50	77
70	69	73	88	74	50	76
69	69	72	87	73	49	75
68	68	72	86	73	49	75
67	68	71	85	72	49	74
66	67	71	84	71	48	74
65	67	71	83	71	48	73
64	66	70	[illegible]	70	48	72
63	66	70	81	69	47	72
62	65	69	80	68	47	71
61	65	69	79	68	46	70
60	64	68	78	67	46	70
59	63	68	77	66	45	69
58	63	67	76	65	45	68
57	62	67	75	65	45	67
56	62	66	74	64	44	66
55	61	66	73	63	44	65
54	60	65	72	62	43	65
53	60	64	70	61	42	63
52	59	64	69	60	42	62
51	58	63	68	59	41	61
50	57	62	66	58	41	60
49	57	61	65	57	40	59
48	56	61	64	56	39	58
47	55	60	62	55	39	56
46	54	59	60	54	38	55
45	53	58	59	53	38	54
44	53	57	57	52	37	53
43	52	56	56	51	36	51
42	51	55	54	50	36	50
41	50	54	53	49	35	49
40	49	53	51	47	34	47
39	48	52	50	46	34	46
38	47	50	48	45	33	45
37	46	49	47	44	32	43
36	45	48	45	42	31	42
35	44	46	43	41	30	40
34	43	45	42	39	29	38
33	41	43	40	38	29	37
32	40	41	39	36	28	35
31	38	39	37	35	27	34

TABLE 322. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

PROCEDURE 3, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	37	38	36	34	26	32
29	36	36	35	32	25	31
28	34	34	33	31	23	29
27	33	32	32	30	22	28
26	31	30	31	28	21	27
25	30	29	30	27	20	26
24	28	27	29	26	19	25
23	27	26	28	25	19	24
22	26	25	27	24	18	23
21	24	24	26	23	17	22
20	23	22	25	22	16	21
19	22	21	24	21	15	20
18	21	20	23	20	14	19
17	20	19	21	19	14	18
16	19	18	20	18	13	17
15	18	17	19	17	12	17
14	17	17	17	16	12	16
13	16	16	16	15	11	15
12	16	15	15	14	11	14
11	15	14	14	13	10	13
10	14	13	12	12	9	12
9	13	11	11	11	9	12
8	12	10	10	9	8	11
7	11	9	9	8	7	10
6	10	8	8	7	6	9
5	9	7	7	5	6	8
4	8	6	6	4	5	7
3	7	4	4	3	4	7
2	6	3	3	1	4	6
1	5	2	2	0	3	5
0	4	1	1	0	2	4

TABLE 323. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	88	106	90	59	92	88
81	87	104	89	58	91	86
80	86	103	88	58	90	85
79	85	101	86	57	89	84
78	84	100	85	56	88	83
77	83	98	84	55	86	81
76	82	97	83	55	85	80
75	81	96	82	54	84	79
74	80	94	80	53	83	78
73	79	93	79	52	81	76
72	78	91	78	52	80	75
71	77	90	77	51	79	74
70	76	88	76	50	78	73
69	75	87	74	49	76	71
68	74	85	73	49	75	70
67	72	84	72	48	74	69
66	71	82	71	47	73	68
65	70	81	70	47	71	66
64	69	79	69	46	70	65
63	68	78	67	45	69	64
62	67	76	66	44	68	63
61	66	75	65	44	66	61
60	65	73	64	43	65	60
59	64	72	63	42	64	59
58	63	70	61	41	63	58
57	62	69	60	41	61	56
56	61	67	59	40	60	55
55	60	66	58	39	59	54
54	59	64	57	39	58	53
53	58	63	55	38	57	51
52	56	62	54	37	55	50
51	55	60	53	36	54	49
50	54	59	52	36	53	48
49	53	57	51	35	52	46
48	52	56	49	34	50	45
47	51	54	48	33	49	44
46	50	53	47	33	48	43
45	49	51	46	32	47	41
44	48	50	45	31	45	40
43	47	48	43	30	44	39
42	46	47	42	30	43	38

TABLE 323. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	45	45	41	29	42	36
40	44	44	40	28	40	35
39	43	42	39	27	39	34
38	42	41	38	27	38	33
37	40	39	36	26	37	31
36	39	38	35	25	35	30
35	38	36	34	25	34	29
34	37	35	33	24	33	28
33	36	33	32	23	32	26
32	35	32	30	22	31	25
31	34	30	29	22	29	24
30	33	29	28	21	28	23
29	32	27	27	20	27	21
28	31	26	26	19	26	20
27	30	25	24	19	24	19
26	29	23	23	18	23	17
25	28	22	22	17	22	16
24	27	20	21	16	21	15
23	26	19	20	16	19	14
22	24	17	19	15	18	13
21	23	16	17	14	17	11
20	22	14	16	14	16	10
19	21	13	15	13	14	9
18	20	11	14	12	13	8
17	19	10	13	11	12	6
16	18	8	11	11	11	5
15	17	7	10	10	9	4
14	16	5	9	9	8	3
13	15	4	8	8	7	1
12	14	2	7	8	6	0
11	13	1	5	7	5	- 1
10	12	- 1	4	6	3	- 3
9	11	- 2	3	5	2	- 4
8	10	- 4	2	5	1	- 5
7	8	- 5	1	4	0	- 6
6	7	- 7	0	3	- 2	- 8
5	6	- 8	- 2	3	- 3	- 9
4	5	- 10	- 3	2	- 4	- 10
3	4	- 11	- 4	1	- 5	- 11
2	3	- 13	- 5	0	- 7	- 12
1	2	- 14	- 6	0	- 8	- 14

TABLE 323. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	1	- 15	- 8	- 1	- 9	- 15

TABLE 324. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	79	101	86	57	88	84
84	78	100	85	56	87	82
83	77	98	84	55	86	81
82	76	97	83	55	85	80
81	75	96	82	54	84	79
80	74	94	81	53	83	78
79	73	93	79	53	82	77
78	72	91	78	52	80	75
77	71	90	77	51	79	74
76	70	89	76	51	78	73
75	70	87	75	50	77	72
74	69	86	74	49	76	71
73	68	85	73	48	75	70
72	67	83	72	48	73	68
71	66	82	71	47	72	67
70	65	80	69	46	71	66
69	64	79	68	46	70	65
68	63	78	67	45	69	64
67	62	76	66	44	68	62
66	61	75	65	44	66	61
65	60	73	64	43	65	60
64	59	72	63	42	64	59
63	58	71	62	42	63	58
62	57	69	60	41	62	57
61	56	68	59	40	61	55
60	55	67	58	40	59	54
59	55	65	57	39	58	53
58	54	64	56	38	57	52
57	53	62	55	37	56	51
56	52	61	54	37	55	50
55	51	60	53	36	54	48
54	50	58	52	35	53	47
53	49	57	50	35	51	46
52	48	55	49	34	50	45
51	47	54	48	33	49	44
50	46	53	47	33	48	43
49	45	51	46	32	47	41
48	44	50	45	31	46	40
47	43	48	44	31	44	39
46	42	47	43	30	43	38
45	41	46	42	29	42	37

TABLE 324. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	40	44	40	29	41	36
43	39	43	39	28	40	34
42	39	42	38	27	39	33
41	38	40	37	26	37	32
40	37	39	36	26	36	31
39	36	37	35	25	35	30
38	35	36	34	24	34	28
37	34	35	33	24	33	27
36	33	33	31	23	32	26
35	32	32	30	22	30	25
34	31	30	29	22	29	24
33	30	29	28	21	28	23
32	29	28	27	20	27	21
31	28	26	26	20	26	20
30	27	25	25	19	25	19
29	26	23	24	18	23	18
28	25	22	23	18	22	17
27	25	21	21	17	21	16
26	24	19	20	16	20	14
25	23	18	19	15	19	13
24	22	17	18	15	18	12
23	21	15	17	14	16	11
22	20	14	16	13	15	10
21	19	12	15	13	14	9
20	18	11	14	12	13	7
19	17	10	13	11	12	6
18	16	8	11	11	11	5
17	15	7	10	10	10	4
16	14	5	9	9	8	3
15	13	4	8	9	7	1
14	12	3	7	8	6	0
13	11	1	6	7	5	- 1
12	10	0	5	7	4	- 2
11	10	- 1	4	6	3	- 3
10	9	- 3	2	5	1	- 4
9	8	- 4	1	4	0	- 6
8	7	- 6	0	4	- 1	- 7
7	6	- 7	- 1	3	- 2	- 8
6	5	- 8	- 2	2	- 3	- 9
5	4	- 10	- 3	2	- 4	- 10
4	3	- 11	- 4	1	- 6	- 11

TABLE 324. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	2	- 13	- 5	0	- 7	- 13
2	1	- 14	- 6	0	- 8	- 14
1	0	- 15	- 8	- 1	- 9	- 15
0	- 1	- 17	- 9	- 2	- 10	- 16

TABLE 325. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING. 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	90	97	99	65	102	97
116	89	96	98	64	101	96
115	88	95	97	64	100	95
114	88	94	96	63	99	94
113	87	94	96	63	98	94
112	86	93	95	62	98	93
111	86	92	94	62	97	92
110	85	91	93	61	96	91
109	84	91	92	61	95	90
108	84	90	92	60	94	89
107	83	89	91	60	93	89
106	82	89	90	59	93	88
105	82	88	89	59	92	87
104	81	87	88	58	91	86
103	80	86	88	58	90	85
102	79	86	87	57	89	84
101	79	85	86	57	88	83
100	78	84	85	56	88	83
99	77	84	84	56	87	82
98	77	83	84	55	86	81
97	76	82	83	55	85	80
96	75	81	82	54	84	79
95	75	81	81	54	83	78
94	74	80	80	53	83	78
93	73	79	80	53	82	77
92	73	79	79	52	81	76
91	72	78	78	52	80	75
90	71	77	77	51	79	74
89	71	76	76	51	78	73
88	70	76	76	50	78	73
87	69	75	75	50	77	72
86	69	74	74	49	76	71
85	68	73	73	49	75	70
84	67	73	72	48	74	69
83	67	72	72	48	73	68
82	66	71	71	47	73	67
81	65	71	70	47	72	67
80	65	70	69	46	71	66
79	64	69	68	46	70	65
78	63	68	68	45	69	64
77	63	68	67	45	68	63

TABLE 325. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	62	67	66	44	67	62
75	61	66	65	44	67	62
74	61	66	64	43	66	61
73	60	65	64	43	65	60
72	59	64	63	42	64	59
71	59	63	62	42	63	58
70	58	63	61	41	62	57
69	57	62	60	41	62	56
68	57	61	60	40	61	56
67	56	60	59	40	60	55
66	55	60	58	39	59	54
65	54	59	57	39	58	53
64	54	58	56	38	57	52
63	53	58	55	38	57	51
62	52	57	55	37	56	51
61	52	56	54	37	55	50
60	51	55	53	36	54	49
59	50	55	52	36	53	48
58	50	54	51	35	52	47
57	49	53	51	35	52	46
56	48	53	50	34	51	45
55	48	52	49	34	50	45
54	47	51	48	33	49	44
53	46	50	47	33	48	43
52	46	50	47	32	47	42
51	45	49	46	32	47	41
50	44	48	45	31	46	40
49	44	48	44	31	45	40
48	43	47	43	30	44	39
47	42	46	43	30	43	38
46	42	45	42	29	42	37
45	41	45	41	29	42	36
44	40	44	40	28	41	35
43	40	43	39	28	40	34
42	39	42	39	27	39	34
41	38	42	38	27	38	33
40	38	41	37	26	37	32
39	37	40	36	26	37	31
38	36	40	35	25	36	30
37	36	39	35	25	35	29
36	35	38	34	24	34	29

TABLE 325. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	34	37	33	24	33	28
34	34	37	32	23	32	27
33	33	36	31	23	31	26
32	32	35	31	22	31	25
31	32	35	30	22	30	24
30	31	34	29	21	29	23
29	30	33	28	21	28	23
28	29	32	27	20	27	22
27	29	32	27	20	26	21
26	28	31	26	19	26	20
25	27	30	25	19	25	19
24	27	30	24	18	24	18
23	26	29	23	18	23	18
22	25	28	23	17	22	17
21	25	27	22	17	21	16
20	24	27	21	17	21	15
19	23	26	20	16	20	14
18	23	25	19	16	19	13
17	22	24	19	15	18	12
16	21	24	18	15	17	12
15	21	23	17	14	16	11
14	20	22	16	14	16	10
13	19	22	15	13	15	9
12	19	21	15	13	14	8
11	18	20	14	12	13	7
10	17	19	13	12	12	7
9	17	19	12	11	11	6
8	16	18	11	11	11	5
7	15	17	10	10	10	4
6	15	17	10	10	9	3
5	14	16	9	9	8	2
4	13	15	8	9	7	1
3	13	14	7	8	6	1
2	12	14	6	8	6	0
1	11	13	6	7	5	- 1
0	11	12	5	7	4	- 2

TABLE 326. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	86	93	112	62	98	93
94	86	92	111	62	97	92
93	85	91	110	61	96	91
92	84	90	109	60	95	90
91	83	90	107	60	94	89
90	82	89	106	59	93	88
89	81	88	105	59	92	87
88	81	87	104	58	91	86
87	80	86	102	57	89	85
86	79	85	101	57	88	84
85	78	84	100	56	87	83
84	77	83	99	55	86	81
83	76	82	97	55	85	80
82	75	81	96	54	84	79
81	75	81	95	54	83	78
80	74	80	94	53	82	77
79	73	79	92	52	81	76
78	72	78	91	52	80	75
77	71	77	90	51	79	74
76	70	76	89	51	78	73
75	70	75	87	50	77	72
74	69	74	86	49	76	71
73	68	73	85	49	75	70
72	67	72	84	48	74	69
71	66	72	82	47	73	68
70	65	71	81	47	72	67
69	65	70	[illegible]	46	71	66
68	64	69	79	46	70	65
67	63	68	77	45	69	64
66	62	67	76	44	68	63
65	61	66	75	44	67	61
64	60	65	74	43	66	60
63	60	64	73	43	65	59
62	59	64	71	42	63	58
61	58	63	70	41	62	57
60	57	62	69	41	61	56
59	56	61	68	40	60	55
58	55	60	66	39	59	54
57	54	59	65	39	58	53
56	54	58	64	38	57	52
55	53	57	63	38	56	51

TABLE 326. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	52	56	61	37	55	50
53	51	55	60	36	54	49
52	50	55	59	36	53	48
51	49	54	58	35	52	47
50	49	53	56	34	51	46
49	48	52	55	34	50	45
48	47	51	54	33	49	44
47	46	50	53	33	48	43
46	45	49	51	32	47	42
45	44	48	50	31	46	40
44	44	47	49	31	45	39
43	43	46	48	30	44	38
42	42	46	46	30	43	37
41	41	45	45	29	42	36
40	40	44	44	28	41	35
39	39	43	43	28	40	34
38	39	42	41	27	38	33
37	38	41	40	26	37	32
36	37	40	39	26	36	31
35	36	39	38	25	35	30
34	35	38	36	25	34	29
33	34	38	35	24	33	28
32	33	37	34	23	32	27
31	33	36	33	23	31	26
30	32	35	31	22	30	25
29	31	34	30	22	29	24
28	30	33	29	21	28	23
27	29	32	28	20	27	22
26	28	31	26	20	26	20
25	28	30	25	19	25	19
24	27	29	24	18	24	18
23	26	29	23	18	23	17
22	25	28	22	17	22	16
21	24	27	20	17	21	15
20	23	26	19	16	20	14
19	23	25	18	15	19	13
18	22	24	17	15	18	12
17	21	23	15	14	17	11
16	20	22	14	13	16	10
15	19	21	13	13	15	9
14	18	20	12	12	14	8

TABLE 326. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	18	20	10	12	12	7
12	17	19	9	11	11	6
11	16	18	8	10	10	5
10	15	17	7	10	9	4
9	14	16	5	9	8	3
8	13	15	4	9	7	2
7	12	14	3	8	6	0
6	12	13	2	7	5	- 1
5	11	12	0	7	4	- 2
4	10	12	- 1	6	3	- 3
3	9	11	- 2	5	2	- 4
2	8	10	- 3	5	1	- 5
1	7	9	- 5	4	0	- 6
0	7	8	- 6	4	- 1	- 7

TABLE 327. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	83	90	108	92	94	89
59	82	89	106	90	92	88
58	81	87	104	88	91	86
57	79	86	102	87	89	84
56	78	84	100	85	87	83
55	77	83	98	83	86	81
54	75	81	96	82	84	79
53	74	80	94	80	82	77
52	73	78	92	79	81	76
51	71	77	90	77	79	74
50	70	75	88	75	77	72
49	68	74	86	74	76	71
48	67	73	84	72	74	69
47	66	71	82	70	72	67
46	64	70	80	69	71	65
45	63	68	78	67	69	64
44	62	67	76	66	67	62
43	60	65	74	64	65	60
42	59	64	72	62	64	59
41	58	62	70	61	62	57
40	56	61	68	59	60	55
39	55	59	66	58	59	53
38	53	58	64	56	57	52
37	52	57	62	54	55	50
36	51	55	60	53	54	48
35	49	54	58	51	52	47
34	48	52	[illegible]	49	50	45
33	47	51	54	48	49	43
32	45	49	51	46	47	42
31	44	48	49	45	45	40
30	43	46	47	43	44	38
29	41	45	45	41	42	36
28	40	43	43	40	40	35
27	38	42	41	38	38	33
26	37	41	39	36	37	31
25	36	39	37	35	35	30
24	34	38	35	33	33	28
23	33	36	33	32	32	26
22	32	35	31	30	30	25
21	30	33	29	28	28	23
20	29	32	27	27	27	21

TABLE 327. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	28	30	25	25	25	19
18	26	29	23	23	23	18
17	25	27	21	22	22	16
16	24	26	19	20	20	14
15	22	25	17	19	18	13
14	21	23	15	17	17	11
13	19	22	13	15	15	9
12	18	20	11	14	13	7
11	17	19	9	12	11	6
10	15	17	7	11	10	4
9	14	16	5	9	8	2
8	13	14	3	7	6	1
7	11	13	1	6	5	- 1
6	10	11	- 1	4	3	- 3
5	9	10	- 3	2	1	- 4
4	7	9	- 5	1	0	- 6
3	6	7	- 7	- 1	- 2	- 8
2	4	6	- 9	- 2	- 4	- 10
1	3	4	- 11	- 4	- 5	- 11
0	2	3	- 13	- 6	- 7	- 13

TABLE 328. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	80	86	103	88	58	85
89	79	86	102	87	57	84
88	79	85	101	86	56	83
87	78	84	99	85	56	82
86	77	83	98	84	55	81
85	76	82	97	83	55	80
84	75	81	96	82	54	79
83	75	80	95	81	53	78
82	74	80	93	80	53	77
81	73	79	92	79	52	76
80	72	78	91	78	52	75
79	71	77	90	77	51	74
78	70	76	89	76	51	73
77	70	75	88	75	50	72
76	69	74	86	74	49	71
75	68	73	85	73	49	70
74	67	73	84	72	48	69
73	66	72	83	71	48	68
72	66	71	82	70	47	67
71	65	70	80	69	46	66
70	64	69	79	68	46	65
69	63	68	78	67	45	64
68	62	67	77	66	45	63
67	62	67	76	66	44	62
66	61	66	74	65	43	61
65	60	65	73	64	43	60
64	59	64	[illegible]	63	42	59
63	58	63	71	62	42	58
62	58	62	70	61	41	57
61	57	61	68	60	40	56
60	56	61	67	59	40	55
59	55	60	66	58	39	54
58	54	59	65	57	39	53
57	54	58	64	56	38	52
56	53	57	62	55	37	51
55	52	56	61	54	37	50
54	51	55	60	53	36	49
53	50	55	59	52	36	48
52	49	54	58	51	35	47
51	49	53	56	50	35	46
50	48	52	55	49	34	45

TABLE 32B. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	47	51	54	48	33	44
48	46	50	53	47	33	43
47	45	49	52	46	32	42
46	45	49	51	45	32	41
45	44	48	49	44	31	40
44	43	47	48	43	30	39
43	42	46	47	42	30	38
42	41	45	46	42	29	37
41	41	44	45	41	29	36
40	40	43	43	40	28	35
39	39	43	42	39	27	34
38	38	42	41	38	27	33
37	37	41	40	37	26	32
36	37	40	39	36	26	31
35	36	39	37	35	25	30
34	35	38	36	34	24	29
33	34	37	35	33	24	28
32	33	36	34	32	23	27
31	33	36	33	31	23	26
30	32	35	31	30	22	25
29	31	34	30	29	21	24
28	30	33	29	28	21	23
27	29	32	28	27	20	22
26	28	31	27	26	20	21
25	28	30	25	25	19	20
24	27	30	24	24	19	19
23	26	29	23	23	18	18
22	25	28	22	22	17	16
21	24	27	21	21	17	15
20	24	26	19	20	16	14
19	23	25	18	19	16	13
18	22	24	17	18	15	12
17	21	24	16	18	14	11
16	20	23	15	17	14	10
15	20	22	13	16	13	9
14	19	21	12	15	13	8
13	18	20	11	14	12	7
12	17	19	10	13	11	6
11	16	18	9	12	11	5
10	16	18	7	11	10	4
9	15	17	6	10	10	3

TABLE 328. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	14	16	5	9	9	2
7	13	15	4	8	8	1
6	12	14	3	7	8	0
5	12	13	1	6	7	- 1
4	11	12	0	5	7	- 2
3	10	12	- 1	4	6	- 3
2	9	11	- 2	3	5	- 4
1	8	10	- 3	2	5	- 5
0	8	9	- 4	1	4	- 6

TABLE 329. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM C TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	102	109	135	113	73	117
111	101	108	134	112	73	116
110	100	108	133	111	72	115
109	99	107	131	110	72	114
108	98	106	130	109	71	113
107	98	105	129	108	71	112
106	97	104	128	107	70	111
105	96	103	127	107	69	110
104	95	103	125	106	69	109
103	94	102	124	105	68	108
102	94	101	123	104	68	107
101	93	100	122	103	67	106
100	92	99	121	102	66	105
99	91	98	120	101	66	104
98	90	97	118	100	65	103
97	90	97	117	99	65	102
96	89	96	116	98	64	101
95	88	95	115	97	63	100
94	87	94	114	96	63	99
93	86	93	112	95	62	98
92	86	92	111	94	62	97
91	85	91	110	93	61	96
90	84	91	109	92	61	95
89	83	90	108	91	60	94
88	82	89	106	90	59	93
87	82	88	105	89	59	92
86	81	87	104	88	58	91
85	80	86	103	88	58	90
84	79	85	102	87	57	89
83	79	85	101	86	56	88
82	78	84	99	85	56	87
81	77	83	98	84	55	86
80	76	82	97	83	55	85
79	75	81	96	82	54	84
78	74	80	95	81	53	83
77	74	79	93	80	53	82
76	73	79	92	79	52	81
75	72	78	91	78	52	80
74	71	77	90	77	51	79
73	70	76	89	76	51	78
72	70	75	88	75	50	77

TABLE 329. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	69	74	86	74	49	76
70	68	74	85	73	49	75
69	67	73	84	72	48	74
68	66	72	83	71	48	73
67	66	71	82	70	47	72
66	65	70	80	69	46	71
65	64	69	79	68	46	70
64	63	68	78	68	45	69
63	62	68	77	67	45	68
62	62	67	76	66	44	67
61	61	66	75	65	44	66
60	60	65	73	64	43	65
59	59	64	72	63	42	64
58	59	63	71	62	42	63
57	58	62	70	61	41	62
56	57	62	69	60	41	61
55	56	61	67	59	40	60
54	55	60	66	58	39	59
53	54	59	65	57	39	58
52	54	58	64	56	38	57
51	53	57	63	55	38	56
50	52	56	62	54	37	55
49	51	56	60	53	36	54
48	50	55	59	52	36	53
47	50	54	58	51	35	52
46	49	53	57	50	35	51
45	48	52	55	49	34	50
44	47	51	54	49	34	49
43	47	51	53	48	33	48
42	46	50	52	47	32	47
41	45	49	51	46	32	46
40	44	48	50	45	31	45
39	43	47	48	44	31	44
38	42	46	47	43	30	43
37	42	45	46	42	29	42
36	41	45	45	41	29	41
35	40	44	44	40	28	40
34	39	43	43	39	28	39
33	39	42	41	38	27	38
32	38	41	40	37	26	37
31	37	40	39	36	26	37

TABLE 329. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, LINEAR METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	36	39	38	35	25	36
29	35	39	37	34	25	35
28	35	38	36	33	24	34
27	34	37	34	32	24	33
26	33	36	33	31	23	32
25	32	35	32	30	22	31
24	31	34	31	30	22	30
23	31	33	30	29	21	29
22	30	33	28	28	21	28
21	29	32	27	27	20	27
20	28	31	26	26	19	26
19	27	30	25	25	19	25
18	27	29	24	24	18	24
17	26	28	23	23	18	23
16	25	27	21	22	17	22
15	24	27	20	21	17	21
14	23	26	19	20	16	20
13	22	25	18	19	15	19
12	22	24	17	18	15	18
11	21	23	15	17	14	17
10	20	22	14	16	14	16
9	19	22	13	15	13	15
8	19	21	12	14	12	14
7	18	20	11	13	12	13
6	17	19	9	12	11	12
5	16	18	8	11	11	11
4	15	17	7	10	10	10
3	15	16	6	10	9	9
2	14	16	5	9	9	8
1	13	15	4	8	8	7
0	12	14	2	7	8	6

TABLE 330. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
82	85	114	94	60	90	109
81	83	111	92	59	89	104
80	82	109	91	58	88	100
79	81	107	89	57	87	97
78	80	105	88	56	86	94
77	80	103	86	56	85	91
76	79	100	85	55	84	89
75	78	98	83	54	83	86
74	77	97	82	53	82	84
73	77	95	80	53	81	81
72	76	93	79	52	80	79
71	75	92	78	51	79	77
70	74	90	76	50	78	75
69	73	89	75	50	77	72
68	73	87	74	49	76	70
67	72	85	72	48	75	68
66	71	83	71	47	73	66
65	70	81	70	47	72	64
64	70	79	68	46	71	62
63	69	78	67	45	70	61
62	68	76	66	44	69	59
61	67	74	65	44	68	58
60	66	73	63	43	66	56
59	65	71	62	42	65	55
58	65	70	61	41	64	53
57	64	68	59	41	62	52
56	62	66	58	40	61	50
55	61	64	57	39	59	49
54	60	62	55	38	58	48
53	59	60	54	37	56	47
52	58	59	53	37	55	45
51	57	57	52	36	54	44
50	56	55	51	35	52	43
49	55	54	49	35	51	42
48	54	52	48	34	49	41
47	53	50	47	33	48	40
46	52	49	46	32	47	39
45	50	47	45	32	45	38
44	49	46	43	31	44	37
43	48	44	42	30	42	36
42	47	43	41	29	41	35

TABLE 330. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
41	46	42	40	29	40	35
40	44	41	39	28	39	34
39	43	40	38	27	37	33
38	42	39	37	27	36	32
37	41	38	35	26	35	32
36	39	37	34	25	34	31
35	38	36	33	25	33	30
34	36	35	32	24	32	29
33	35	34	31	23	31	29
32	34	33	31	22	30	28
31	33	32	30	22	29	27
30	32	31	29	21	28	27
29	31	31	28	20	27	26
28	30	30	27	20	26	25
27	28	29	26	19	25	25
26	27	28	26	18	25	24
25	26	27	25	18	24	23
24	25	26	24	17	23	22
23	24	26	23	16	22	21
22	23	25	22	16	21	20
21	22	23	21	15	20	19
20	21	22	20	14	20	18
19	20	21	19	14	19	18
18	19	20	18	13	18	16
17	17	18	17	12	17	15
16	16	16	16	12	16	14
15	15	14	14	11	14	12
14	14	13	13	10	13	11
13	12	12	12	9	12	10
12	11	11	10	8	11	9
11	10	10	9	7	10	8
10	8	8	8	7	9	7
9	7	7	7	6	8	6
8	6	6	5	5	7	5
7	5	5	4	4	6	4
6	3	4	4	3	5	3
5	2	3	3	2	4	3
4	1	1	3	2	2	2
3	0	1	2	1	1	2
2	0	0	2	1	0	1
1	0	0	1	1	0	1

TABLE 330. ANCHOR TEST EQUATING STUDY: GRADE 5

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
0	0	0	1	0	0	1

TABLE 331. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
85	82	114	94	60	90	109
84	82	112	93	59	89	106
83	81	110	92	59	88	103
82	80	109	90	58	87	99
81	79	105	89	57	86	96
80	78	104	87	56	85	93
79	76	101	85	55	84	90
78	75	98	83	54	83	86
77	74	96	82	53	82	83
76	73	94	80	52	80	80
75	71	92	78	51	79	77
74	70	90	76	50	78	75
73	69	88	75	49	77	72
72	67	86	73	48	75	69
71	66	83	71	47	74	66
70	65	81	69	46	72	64
69	63	78	68	46	71	62
68	62	76	66	45	69	59
67	61	74	64	44	68	57
66	60	72	63	43	66	56
65	59	71	62	42	65	54
64	58	69	60	41	63	53
63	57	67	59	40	62	51
62	56	65	58	40	60	50
61	55	63	56	39	59	49
60	54	62	55	38	57	48
59	53	60	54	37	56	46
58	52	58	53	37	55	45
57	51	57	52	36	53	44
56	50	55	51	35	52	43
55	49	53	49	35	51	42
54	48	52	48	34	50	41
53	47	51	47	33	48	40
52	46	49	46	33	47	39
51	46	48	45	32	46	38
50	45	47	44	31	45	38
49	44	45	43	31	44	37
48	43	44	42	30	42	36
47	42	43	41	29	41	36
46	41	42	40	29	40	35
45	41	41	39	28	39	34

TABLE 331. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM * TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
44	40	40	38	28	38	34
43	39	40	38	27	37	33
42	38	39	37	27	36	33
41	37	38	36	26	35	32
40	37	37	35	26	34	31
39	36	37	34	25	34	31
38	35	36	34	25	33	30
37	34	35	33	24	32	30
36	34	34	32	24	31	29
35	33	34	31	23	30	29
34	32	33	31	22	30	28
33	31	32	30	22	29	28
32	30	32	29	21	28	27
31	29	31	28	21	27	26
30	29	30	28	20	27	26
29	28	30	27	19	26	25
28	27	29	26	19	25	24
27	26	28	25	18	24	23
26	25	27	25	18	24	23
25	24	26	24	17	23	22
24	23	25	23	16	22	21
23	22	25	22	16	21	20
22	21	24	22	15	21	20
21	20	23	21	14	20	19
20	19	21	20	14	19	18
19	19	20	19	13	18	17
18	18	19	13	13	17	16
17	17	17	17	12	16	15
16	16	16	15	11	15	14
15	15	14	14	11	14	12
14	14	13	13	10	14	11
13	14	12	12	10	13	11
12	13	12	11	9	12	10
11	12	11	10	8	11	9
10	11	10	10	8	10	8
9	11	9	9	7	10	8
8	10	8	8	6	9	7
7	9	7	7	6	8	6
6	8	6	6	5	7	5
5	7	5	5	5	6	4
4	7	5	4	4	5	4

TABLE 331. ANCHOR TEST EQUATING STUDY: GRADE 5

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
3	6	4	3	3	5	3
2	5	3	3	3	4	2
1	4	2	3	2	3	2
0	4	1	2	1	2	2

TABLE 332. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
117	82	85	95	60	90	112
116	82	85	95	60	90	112
115	82	85	95	60	90	111
114	82	85	94	60	90	109
113	82	84	94	60	90	108
112	81	84	93	59	89	106
111	81	83	92	59	89	104
110	81	83	92	59	88	103
109	80	82	91	58	88	101
108	80	82	90	58	87	99
107	79	81	89	57	87	97
106	79	81	89	57	86	96
105	78	81	88	56	86	94
104	78	80	87	56	85	93
103	77	80	86	56	85	92
102	77	79	86	55	84	91
101	76	79	85	55	84	89
100	76	79	85	55	84	88
99	76	78	84	54	83	87
98	75	78	83	54	83	86
97	74	77	82	53	82	84
96	74	77	81	53	82	83
95	73	77	81	53	81	82
94	73	76	80	52	80	80
93	72	76	79	52	80	79
92	71	75	78	51	79	78
91	71	75	77	51	79	76
90	70	74	76	50	78	75
89	69	74	75	50	77	73
88	69	73	75	49	77	72
87	68	73	74	49	76	71
86	68	72	73	49	75	70
85	67	72	73	48	75	68
84	67	71	72	48	74	67
83	66	71	71	47	74	66
82	66	71	70	47	73	65
81	65	70	69	47	72	64
80	64	70	69	46	72	63
79	64	69	68	46	71	62
78	63	69	67	45	70	61
77	63	68	67	45	70	60

TABLE 332. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
76	62	68	66	45	69	59
75	62	68	65	44	68	58
74	61	67	64	44	68	57
73	60	66	64	43	67	56
72	60	66	63	43	66	55
71	59	65	62	42	65	55
70	58	65	61	42	64	54
69	58	64	60	41	63	53
68	57	64	60	41	63	52
67	57	63	59	40	62	51
66	56	63	58	40	61	51
65	56	62	57	40	60	50
64	55	61	57	39	59	49
63	55	61	56	39	59	49
62	54	60	55	38	58	48
61	54	60	55	38	57	47
60	53	59	54	37	56	46
59	52	59	53	37	55	46
58	52	58	53	37	55	45
57	51	57	52	36	54	44
56	51	57	51	36	53	44
55	50	56	51	35	52	43
54	49	55	50	35	51	42
53	49	55	49	34	50	42
52	48	54	48	34	50	41
51	48	53	48	33	49	41
50	47	53	47	33	48	40
49	46	52	46	33	47	39
48	46	51	45	32	46	39
47	45	50	44	32	45	38
46	44	50	44	31	44	37
45	44	49	43	31	43	37
44	43	48	42	30	42	36
43	42	47	41	29	41	35
42	41	46	40	29	40	35
41	40	45	39	28	39	34
40	39	44	38	28	38	34
39	39	43	37	27	37	33
38	38	41	36	26	35	32
37	37	40	35	26	34	31
36	36	39	34	25	33	31

TABLE 332. ANCHOR TEST EQUATING STUDY: GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
35	35	37	33	24	32	30
34	33	36	32	23	31	29
33	32	34	31	23	30	28
32	31	33	30	22	29	27
31	30	31	29	21	27	26
30	28	30	27	20	26	25
29	27	28	26	19	25	25
28	26	27	25	18	24	24
27	25	26	24	17	23	23
26	24	25	24	17	22	22
25	23	24	23	16	22	21
24	22	22	22	15	21	20
23	21	21	21	15	20	19
22	20	21	20	14	19	18
21	19	20	19	14	19	18
20	18	19	19	13	18	17
19	18	18	18	13	17	16
18	17	18	17	12	17	15
17	17	17	16	12	16	15
16	16	16	16	12	16	14
15	16	16	15	11	15	13
14	15	15	14	11	14	12
13	14	14	13	10	13	12
12	13	13	12	9	13	11
11	12	12	11	9	12	10
10	12	10	10	8	11	9
9	11	9	9	7	10	8
8	10	8	8	6	9	7
7	9	7	6	6	8	6
6	8	6	5	5	7	5
5	7	5	4	4	6	4
4	6	3	4	3	5	3
3	5	2	3	3	4	3
2	5	1	3	2	3	2
1	4	1	3	2	2	2
0	3	0	2	1	1	2

TABLE 333. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
95	82	85	115	60	90	111
94	82	85	114	60	90	109
93	81	84	112	59	89	106
92	81	83	111	59	89	104
91	80	82	109	58	88	101
90	80	82	108	58	87	99
89	79	81	107	57	87	97
88	78	81	105	57	86	95
87	78	80	104	56	85	93
86	77	80	102	55	85	91
85	76	79	101	55	84	89
84	76	78	99	54	83	87
83	75	78	98	54	83	86
82	74	77	97	53	82	84
81	74	77	96	53	81	82
80	73	76	94	52	81	81
79	72	76	93	52	80	79
78	71	75	92	51	79	78
77	71	75	91	51	78	76
76	70	74	90	50	78	74
75	69	73	89	50	77	72
74	68	73	87	49	76	71
73	68	72	86	48	75	69
72	67	72	84	48	74	68
71	66	71	83	47	74	66
70	65	70	82	47	73	65
69	65	70	81	46	72	64
68	64	69	79	46	71	62
67	63	69	78	45	70	61
66	62	68	76	45	69	60
65	61	67	75	44	68	58
64	61	67	74	43	67	57
63	60	66	72	43	66	56
62	59	65	71	42	65	55
61	58	65	70	42	64	54
60	58	64	69	41	63	52
59	57	63	67	40	62	51
58	56	63	66	40	61	50
57	55	62	65	39	60	49
56	55	61	63	39	59	49
55	54	60	62	38	58	48

TABLE 333. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
54	53	59	60	37	56	47
53	52	58	59	37	55	46
52	51	57	57	36	54	45
51	50	57	56	36	53	44
50	50	56	54	35	52	43
49	49	55	53	34	50	42
48	48	54	52	34	49	41
47	47	53	50	33	48	40
46	46	52	49	32	47	39
45	46	51	48	32	46	38
44	45	50	47	31	45	38
43	44	49	45	31	44	37
42	43	48	44	30	42	36
41	42	47	43	29	41	36
40	41	46	42	29	40	35
39	40	45	41	28	39	34
38	39	44	40	28	38	33
37	38	42	39	27	37	33
36	38	41	38	26	35	32
35	37	40	37	26	34	31
34	36	39	36	25	33	31
33	35	37	35	24	32	30
32	34	36	34	24	31	29
31	33	35	33	23	30	28
30	31	33	32	22	29	28
29	30	32	32	21	28	27
28	29	31	31	20	27	26
27	28	29	30	20	26	25
26	27	28	29	19	25	24
25	25	27	28	18	24	23
24	24	25	27	17	23	22
23	23	24	26	16	22	21
22	22	23	24	16	21	20
21	21	22	23	15	20	19
20	20	21	22	14	19	18
19	19	20	21	13	19	17
18	18	18	19	13	18	16
17	17	17	18	12	17	15
16	16	17	17	12	16	14
15	16	16	15	11	15	13
14	15	15	14	11	14	12

TABLE 333. ANCHOR TEST EQUATING STUDY: GRADE 5

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
13	14	13	13	10	13	11
12	13	12	12	9	12	10
11	12	11	11	9	11	10
10	11	10	10	8	10	9
9	10	9	9	7	9	8
8	10	8	8	7	8	7
7	9	7	7	6	7	6
6	8	6	5	5	6	5
5	7	5	4	5	6	5
4	6	4	4	4	5	4
3	5	3	3	3	4	3
2	4	3	3	3	3	2
1	4	2	3	2	3	1
0	3	2	2	1	2	1

TABLE 334. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
60	82	85	114	94	90	109
59	81	84	111	93	89	105
58	80	82	109	91	88	101
57	79	81	107	89	87	97
56	78	80	104	87	85	93
55	77	79	101	85	84	90
54	75	78	98	83	83	86
53	74	77	96	81	82	83
52	72	76	94	80	80	80
51	71	75	92	78	79	77
50	70	74	90	76	78	74
49	68	73	87	74	76	71
48	67	72	85	72	75	68
47	66	71	82	70	73	65
46	64	70	80	69	72	63
45	63	69	77	67	70	61
44	62	68	75	65	68	58
43	60	66	73	64	67	56
42	59	65	71	62	65	54
41	58	64	69	60	63	53
40	56	63	66	58	61	51
39	55	61	64	57	59	49
38	54	60	62	55	57	48
37	52	59	59	53	55	46
36	51	57	57	52	54	44
35	50	56	55	50	52	43
34	48	54	52	49	50	41
33	47	53	50	47	48	40
32	46	51	48	45	46	39
31	44	50	46	44	44	37
30	43	48	44	42	42	36
29	42	46	43	40	40	35
28	40	45	41	39	39	34
27	39	43	39	37	37	33
26	37	41	38	36	35	32
25	36	39	36	34	33	31
24	34	37	35	33	32	30
23	33	35	34	31	30	29
22	31	33	32	30	29	28
21	30	32	31	29	28	27
20	29	30	30	28	27	26

TABLE 334. ANCHOR TEST EQUATING STUDY: GRADE 5

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
19	27	29	29	26	25	25
18	26	27	28	25	24	23
17	24	25	27	24	23	22
16	23	24	25	23	22	21
15	21	22	24	21	21	20
14	20	20	22	20	19	18
13	19	19	20	18	18	17
12	17	17	17	17	16	15
11	16	16	15	15	15	13
10	14	14	13	13	14	11
9	13	12	12	12	12	10
8	12	11	10	10	11	9
7	10	9	9	9	9	8
6	9	7	7	7	8	6
5	8	6	6	6	7	5
4	7	4	4	4	5	4
3	5	2	3	3	4	3
2	4	1	2	2	3	1
1	3	1	2	1	2	1
0	2	0	1	0	1	0

TABLE 335. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
90	82	85	114	94	60	109
89	81	84	112	93	59	105
88	80	83	110	91	58	102
87	79	82	108	90	57	98
86	79	81	106	88	57	95
85	78	80	104	87	56	92
84	76	79	101	85	55	90
83	75	78	99	84	54	87
82	74	77	97	82	53	84
81	73	77	95	81	53	82
80	72	76	93	79	52	79
79	71	75	92	78	51	77
78	70	74	90	77	50	75
77	69	73	89	75	50	73
76	68	73	87	74	49	71
75	67	72	86	73	48	69
74	67	71	84	72	48	67
73	66	71	82	70	47	66
72	65	70	81	69	46	64
71	64	69	79	68	46	62
70	63	69	78	67	45	61
69	62	68	76	66	45	59
68	61	67	75	65	44	58
67	61	67	73	64	43	57
66	60	66	72	63	43	56
65	59	65	71	62	42	55
64	58	65	70	61	42	54
63	58	64	69	60	41	53
62	57	63	68	59	41	52
61	56	63	66	58	40	51
60	56	62	65	57	39	50
59	55	61	64	56	39	49
58	54	60	62	55	38	48
57	54	60	61	55	38	47
56	53	59	60	54	37	46
55	52	58	59	53	37	46
54	51	58	58	52	36	45
53	51	57	56	51	36	44
52	50	56	55	51	35	43
51	49	55	54	50	35	42
50	48	54	53	49	34	42

TABLE 335. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
49	48	54	51	48	34	41
48	47	53	50	47	33	40
47	46	52	49	46	33	39
46	46	51	48	45	32	39
45	45	50	47	44	31	38
44	44	50	46	44	31	37
43	44	49	45	43	30	37
42	43	48	44	42	30	36
41	42	47	43	41	29	36
40	41	46	42	40	29	35
39	41	45	41	39	28	34
38	40	44	40	38	28	34
37	39	43	39	38	27	33
36	38	42	39	37	27	32
35	37	41	38	36	26	32
34	36	40	37	35	26	31
33	36	38	36	34	25	31
32	35	37	35	33	24	30
31	34	36	34	32	24	29
30	33	35	33	31	23	28
29	31	33	32	30	22	28
28	30	32	32	29	21	27
27	29	31	31	28	20	26
26	28	29	30	27	20	25
25	27	28	29	26	19	24
24	25	27	28	25	18	23
23	24	25	27	24	17	22
22	23	24	26	23	16	21
21	22	23	24	22	15	20
20	21	21	23	21	15	19
19	19	20	21	20	14	18
18	18	19	20	19	13	17
17	17	18	18	18	12	16
16	16	17	17	16	12	14
15	16	16	15	15	11	13
14	15	15	14	14	11	12
13	14	13	13	13	10	11
12	13	12	12	12	9	10
11	12	11	11	11	8	9
10	11	10	9	9	8	8
9	10	9	8	8	7	7

TABLE 335. ANCHOR TEST EQUATING STUDY: GRADE 5

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SRA (71 ED.) BLUE FORM E TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
8	9	7	7	7	6	6
7	8	6	6	6	5	5
6	7	5	5	5	5	4
5	6	4	4	4	4	3
4	6	3	3	3	3	2
3	5	1	2	3	2	2
2	4	0	1	2	1	2
1	3	0	1	2	1	1
0	2	0	0	1	1	1

TABLE 336. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
112	82	85	116	95	60	90
111	82	85	115	95	60	90
110	82	85	114	95	60	90
109	82	85	114	94	60	90
108	82	85	113	94	60	90
107	82	84	113	93	60	90
106	81	84	112	93	59	89
105	81	84	112	93	59	89
104	81	83	111	92	59	89
103	81	83	110	92	59	88
102	80	83	110	91	58	88
101	80	83	109	91	58	88
100	80	82	109	91	58	88
99	80	82	108	90	58	87
98	80	82	108	90	58	87
97	79	81	107	89	57	87
96	79	81	106	89	57	86
95	79	81	106	88	57	86
94	78	81	105	88	56	86
93	78	80	104	87	56	85
92	77	80	103	87	56	85
91	77	80	102	86	55	85
90	77	79	102	86	55	84
89	76	79	101	85	55	84
88	76	79	100	84	55	84
87	76	78	99	84	54	83
86	75	78	98	83	54	83
85	75	78	98	83	54	82
84	74	77	97	82	53	82
83	74	77	96	81	53	82
82	73	77	95	81	53	81
81	73	76	95	80	52	81
80	72	76	94	80	52	80
79	72	76	93	79	52	80
78	72	75	92	78	51	79
77	71	75	92	78	51	79
76	71	75	91	77	51	79
75	70	74	90	77	50	78
74	70	74	90	76	50	78
73	69	74	89	75	50	77
72	69	73	88	75	49	77

TABLE 336. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
71	68	73	87	74	49	76
70	68	72	87	74	49	76
69	67	72	86	73	48	75
68	67	72	85	72	48	75
67	67	71	84	72	48	74
66	66	71	83	71	47	73
65	65	71	82	70	47	73
64	65	70	81	69	47	72
63	64	70	80	69	46	72
62	64	69	79	68	46	71
61	63	69	78	67	45	70
60	63	68	77	66	45	70
59	62	68	76	66	44	69
58	61	67	75	65	44	68
57	61	67	74	64	43	67
56	60	66	73	63	43	66
55	59	66	72	63	42	66
54	59	65	70	62	42	65
53	58	64	69	61	41	64
52	57	64	68	60	41	63
51	57	63	67	59	40	62
50	56	62	65	58	40	60
49	55	61	64	57	39	59
48	54	61	62	56	38	58
47	54	60	61	55	38	57
46	53	59	60	54	37	56
45	52	58	58	53	37	54
44	51	57	57	52	36	53
43	50	56	55	51	35	52
42	49	55	53	49	35	51
41	48	54	52	48	34	49
40	47	53	50	47	33	48
39	46	52	49	46	32	47
38	45	51	47	45	32	45
37	44	49	46	43	31	44
36	43	48	44	42	30	42
35	42	46	42	40	29	40
34	40	45	41	39	28	39
33	39	43	39	38	27	37
32	38	41	38	36	26	36
31	36	39	37	35	25	34

TABLE 336. ANCHOR TEST EQUATING STUDY: GRADE 5

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION: EQUIVALENT RAW SCORES FOR TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE METHOD

SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING	CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING	ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING	MAT (70 ED.) INTERMEDIATE FORM F TOTAL READING	STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING	SRA (71 ED.) BLUE FORM E TOTAL READING
RAW SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE	EQUIVALENT SCORE
30	35	38	35	33	24	32
29	33	36	34	32	23	31
28	32	34	33	31	22	30
27	31	32	32	29	22	28
26	29	31	31	28	20	27
25	28	29	30	27	20	26
24	27	28	29	26	19	25
23	25	27	28	25	18	24
22	24	25	26	24	17	23
21	23	24	25	23	16	22
20	22	23	24	22	15	21
19	21	21	23	21	15	20
18	20	20	22	20	14	19
17	19	19	20	19	13	18
16	18	18	19	18	13	17
15	17	17	18	17	12	17
14	16	17	17	16	12	16
13	16	16	15	15	11	15
12	15	15	14	14	11	14
11	14	13	13	13	10	13
10	13	12	11	12	9	12
9	12	11	10	10	8	11
8	11	9	9	9	7	10
7	10	8	8	8	7	8
6	9	7	6	7	6	7
5	8	5	5	6	5	6
4	7	4	4	4	4	5
3	6	3	3	3	3	4
2	5	3	3	2	3	3
1	4	2	3	1	2	3
0	3	2	2	0	1	2

LIST OF EQUATING ERROR TABLES AT GRADE 5

Method	Table Numbers		
	Vocabulary	Reading Comprehension	Total Reading
Procedure 1: Linear Method	2101	2109	2117
Procedure 1: Equipercentile Method	2102	2110	2118
Procedure 2: Linear Method	2103	2111	2119
Procedure 2: Equipercentile Method	2104	2112	2120
Procedure 3: Linear Method	2105	2113	2121
Procedure 3: Equipercentile Method	2106	2114	2122
Average of Procedures 1 and 2: Linear Method	2107	2115	2123
Average of Procedures 1 and 2: Equipercentile Method	2108	2116	2124

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 1, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											60.9	.67
47											59.8	.66
46											58.6	.65
45											57.5	.62
44											56.3	.60
43					48.8	.29					55.2	.60
42					47.8	.27			43.5	.29	54.0	.57
41					46.7	.27			42.5	.28	52.9	.56
40	46.0	.39	45.1	.40	45.7	.27			41.5	.29	51.8	.52
39	44.8	.38	43.8	.37	44.6	.25			40.5	.29	50.6	.49
38	43.6	.38	42.5	.35	43.6	.26			39.5	.26	49.5	.49
37	42.4	.38	41.3	.35	42.5	.24			38.5	.26	48.3	.47
36	41.2	.36	40.0	.33	41.4	.24			37.5	.27	47.2	.48
35	40.0	.37	38.7	.31	40.4	.24			36.5	.28	46.0	.47
34	38.8	.34	37.4	.29	39.3	.24			35.5	.28	44.9	.44
33	37.6	.32	36.2	.32	38.3	.22			34.5	.28	43.8	.43
32	36.4	.31	34.9	.32	37.2	.22			33.5	.28	42.6	.41
31	35.2	.31	33.6	.28	36.2	.22			32.5	.30	41.5	.41
30	34.0	.30	32.3	.31	35.1	.22	46.6	.34	31.5	.31	40.3	.39
29	32.8	.30	31.0	.29	34.0	.22	44.8	.35	30.5	.32	39.2	.37
28	31.6	.28	29.8	.29	33.0	.20	43.0	.34	29.5	.33	38.0	.37
27	30.4	.28	28.5	.31	31.9	.23	41.2	.32	28.5	.35	36.9	.36
26	29.2	.29	27.2	.32	30.9	.20	39.3	.31	27.5	.35	35.8	.36
25	28.0	.29	25.9	.31	29.8	.23	37.5	.30	26.5	.35	34.6	.36
24	26.8	.30	24.6	.32	28.8	.23	35.7	.29	25.5	.35	33.5	.38
23	25.6	.30	23.4	.35	27.7	.23	33.9	.29	24.5	.40	32.3	.34
22	24.4	.30	22.1	.37	26.7	.23	32.1	.29	23.5	.40	31.2	.35
21	23.2	.30	20.8	.37	25.6	.25	30.2	.32	22.5	.40	30.0	.37
20	22.0	.30	19.5	.37	24.5	.25	28.4	.31	21.5	.41	28.9	.34
19	20.8	.31	18.3	.41	23.5	.25	26.6	.29	20.5	.45	27.8	.37
18	19.6	[illegible]	17.0	.40	22.4	.26	24.8	.31	19.5	.45	26.6	.36
17	18.4	.35	15.7	.44	21.4	.25	23.0	.31	18.5	.45	25.5	.37
16	17.2	.35	14.4	.46	20.3	.28	21.1	.34	17.5	.47	24.3	.38
15	16.0	.35	13.1	.47	19.3	.27	19.3	.35	16.5	.50	23.2	.37
14	14.8	.36	11.9	.49	18.2	.28	17.5	.37	15.5	.50	22.0	.41
13	13.6	.36	10.6	.49	17.2	.29	15.7	.38	14.5	.51	20.9	.40
12	12.4	.38	9.3	.53	16.1	.30	13.9	.40	13.5	.52	19.8	.42
11	11.2	.40	8.0	.54	15.0	.31	12.0	.44	12.5	.53	18.6	.44
10	10.0	.40	6.7	.55	14.0	.33	10.2	.44	11.5	.57	17.5	.42
9	8.8	.43	5.5	.58	12.9	.34	8.4	.47	10.5	.59	16.3	.47
8	7.6	.43	4.2	.60	11.9	.33	6.6	.47	9.5	.59	15.2	.47

TABLE 2101. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 1, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
7	6.4	.44	2.9	.63	10.8	.37	4.8	.48	8.5	.59	14.0	.47
6	5.2	.46	1.6	.65	9.8	.35	2.9	.55	7.5	.61	12.9	.50
5	4.0	.45	.4	.67	8.7	.37	1.1	.55	6.5	.65	11.8	.52
4	2.8	.48	- .9	.69	7.6	.39	- .7	.57	5.5	.65	10.6	.55
3	1.6	.50	- 2.2	.70	6.6	.39	- 2.5	.58	4.5	.65	9.5	.54
2	.4	.50	- 3.5	.74	5.5	.41	- 4.3	.61	3.5	.69	8.3	.57
1	- .8	.53	- 4.8	.76	4.5	.41	- 6.2	.66	2.5	.69	7.2	.59
0	- 2.0	.53	- 6.0	.76	3.4	.43	- 8.0	.67	1.5	.70	6.0	.60

TABLE 2102. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 1, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											50.4	.05
47											50.1	.12
46											49.8	.13
45											49.5	.15
44											49.2	.15
43					50.0	.06					48.8	.21
42					49.1	.09			48.1	.13	48.3	.27
41					47.9	.16			45.6	.22	47.8	.25
40	48.8	.11	49.0	.12	46.7	.24			43.4	.18	47.1	.30
39	46.8	.21	47.2	.12	45.4	.36			41.3	.26	46.5	.34
38	45.0	.29	45.2	21	44.1	.38			39.4	.27	45.9	.29
37	43.2	.32	43.1	.24	42.7	.34			37.9	.29	45.3	.29
36	41.5	.32	40.9	.28	41.2	.30			36.6	.28	44.6	.31
35	39.9	.30	39.1	.35	39.9	.26			35.4	.30	43.8	.30
34	38.6	.27	37.4	.33	38.7	.23			34.2	.29	43.1	.31
33	37.2	.31	35.8	.36	37.5	.18			33.1	.29	42.4	.32
32	36.0	.29	34.3	.36	36.4	.16			32.1	.34	41.6	.34
31	34.7	.31	32.6	.39	35.3	.18			31.2	.35	40.8	.32
30	33.5	.32	31.0	.41	34.3	.17	48.9	.16	30.2	.36	40.1	.34
29	32.2	.35	29.4	.40	33.4	.20	47.0	.16	29.3	.34	39.3	.32
28	31.0	.34	28.1	.42	32.6	.22	45.0	.19	28.5	.34	38.6	.30
27	29.8	.36	26.9	.40	31.7	.21	42.7	.30	27.7	.33	37.8	.30
26	28.6	.37	25.7	.41	30.8	.24	40.1	.36	26.9	.32	36.9	.29
25	27.4	.39	24.4	.42	29.9	.25	37.8	.37	26.1	.34	36.0	.32
24	26.3	.45	23.1	.37	29.0	.27	35.6	.36	25.2	.42	35.1	.32
23	25.0	.52	21.9	.38	28.1	.31	33.5	.41	24.3	.49	34.1	.35
22	23.7	.53	20.8	.39	27.2	.31	31.2	.36	23.4	.51	33.0	.34
21	22.5	.54	19.9	.44	26.4	.38	29.2	.35	22.5	.53	31.9	.32
20	21.5	.49	18.9	.38	25.4	.42	27.1	.34	21.8	.50	30.8	.33
19	20.5	.48	18.0	.38	24.5	.45	25.1	.42	21.0	.49	29.6	.36
18	19.5	.50	17.1	.33	23.5	.41	23.2	.39	20.2	.49	28.5	.37
17	18.5	.49	16.2	.28	22.5	.40	21.5	.38	19.4	.52	27.2	.37
16	17.4	.47	15.3	.27	21.4	.41	20.0	.38	18.5	.53	25.8	.44
15	16.4	.45	14.4	.31	20.2	.38	18.6	.42	17.6	.53	24.2	.48
14	15.4	.43	13.6	.32	18.9	.46	17.3	.39	16.6	.56	22.4	.47
13	14.4	.44	12.7	.31	17.3	.41	16.0	.39	15.6	.51	20.9	.50
12	13.4	.36	11.9	.34	15.8	.38	14.9	.31	14.5	.52	19.4	.55
11	12.4	.25	11.1	.29	14.4	.29	13.7	.25	13.4	.49	17.7	.51
10	11.4	.15	10.2	.27	13.1	.17	12.5	.27	12.3	.45	16.1	.45
9	10.3	.24	9.2	.30	11.7	.17	11.4	.35	11.1	.49	14.6	.40
8	9.2	.36	8.2	.41	10.6	.21	10.2	.41	9.7	.60	13.1	.37

TABLE 2102. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 1, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
7	8.2	.46	7.1	.47	9.5	.36	9.1	.59	8.3	.75	11.7	.37
6	7.1	.44	5.9	.54	8.4	.45	7.8	.66	6.9	.81	10.4	.34
5	6.0	.42	4.9	.69	7.3	.53	6.4	.77	5.4	.80	9.0	.43
4	4.8	.37	3.9	.93	6.2	.72	5.1	.67	4.1	.82	7.5	.54
3	3.7	.35	2.9	1.17	4.7	.82	3.8	.56	2.8	.92	6.0	.59
2	2.5	.35	2.0	1.20	3.2	.69	2.6	.52	1.5	1.03	4.1	.81
1	1.3	.40	1.0	.71	1.7	.60	1.4	.47	.2	1.07	2.3	1.22
0	.1	.45	.0	.35	.2	.56	.1	.48	.0	.53	.4	.47

TABLE 2103. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											60.8	.66
47											59.7	.64
46											58.5	.59
45											57.4	.58
44											56.2	.59
43					48.8	.35					55.0	.56
42					47.7	.35			43.6	.24	53.9	.54
41					46.7	.34			42.6	.24	52.7	.52
40	45.5	.32	45.1	.20	45.7	.35			41.6	.21	51.6	.51
39	44.3	.28	43.9	.20	44.6	.31			40.6	.20	50.4	.47
38	43.1	.28	42.6	.19	43.5	.33			39.6	.20	49.2	.46
37	41.9	.26	41.4	.17	42.5	.27			38.6	.18	48.1	.44
36	40.7	.26	40.1	.17	41.5	.29			37.5	.18	46.9	.44
35	39.5	.23	[illegible]	[illegible]	40.4	.28			36.5	.17	45.8	.41
34	38.3	.22	37.6	.14	39.4	.27			35.5	.15	44.6	.38
33	37.1	.23	36.4	.15	38.3	.24			34.5	.17	43.4	.37
32	35.9	.21	35.1	.16	37.3	.24			33.5	.17	42.3	.38
31	34.7	.20	33.9	.12	36.3	.26			32.5	.14	41.1	.35
30	33.5	.20	32.6	.15	35.2	.24	46.2	.29	31.5	.14	40.0	.33
29	32.3	.19	31.4	.15	34.2	.24	44.4	.24	30.5	.14	38.8	.30
28	31.1	.20	30.1	.14	33.1	.24	42.7	.20	29.5	.14	37.6	.30
27	29.9	.20	28.9	.12	32.1	.22	41.0	.18	28.5	.12	36.5	.28
26	28.7	.19	27.6	.14	31.0	.21	39.2	.17	27.5	.13	35.3	.27
25	27.5	.19	26.4	.14	30.0	.22	37.5	.15	26.5	.13	34.2	.26
24	26.3	.20	25.2	.16	29.0	.22	35.7	.18	25.5	.15	33.0	.25
23	25.1	.20	23.9	.14	27.9	.20	34.0	.14	24.5	.15	31.8	.25
22	23.9	.20	22.7	.17	26.9	.22	32.3	.14	23.4	.14	30.7	.23
21	22.7	.17	21.4	.16	25.8	.22	30.5	.19	22.4	.13	29.5	.24
20	21.6	.12	20.2	.18	24.8	.21	28.8	.22	21.4	.14	28.4	.19
19	20.4	.12	18.9	.19	23.7	.20	27.1	.23	20.4	.14	27.2	.24
18	19.2	.12	17.7	.20	22.7	.21	25.3	.27	19.4	.15	26.0	.25
17	18.0	.14	16.4	.20	21.6	.25	23.6	.29	18.4	.15	24.9	.22
16	16.8	.14	15.2	.20	20.6	.21	21.8	.36	17.4	.15	23.7	.23
15	15.6	.14	13.9	.23	19.6	.22	20.1	.39	16.4	.16	22.6	.20
14	14.4	.15	12.7	.25	18.5	.26	18.4	.41	15.4	.22	21.4	.22
13	13.2	.19	11.4	.24	17.5	.22	16.6	.44	14.4	.22	20.2	.27
12	12.0	.20	10.2	.26	16.4	.26	14.9	.46	13.4	.24	19.1	.25
11	10.8	.20	8.9	.29	15.4	.24	13.2	[illegible]	12.4	.24	17.9	.26
10	9.6	.22	7.7	.29	14.3	.28	11.4	[illegible]	11.4	.24	16.8	.26
9	8.4	.25	6.5	.30	13.3	.27	9.7	.59	10.3	.25	15.6	.28
8	7.2	.25	5.2	.31	12.3	.26	7.9	.64	9.3	.26	14.4	.30

TABLE 2103. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
7	6.0	.25	4.0	.34	11.2	.30	6.2	.67	8.3	.26	13.3	.31
6	4.8	.28	2.7	.32	10.2	.26	4.5	.70	7.3	.26	12.1	.32
5	3.6	.28	1.5	.36	9.1	.30	2.7	.75	6.3	.28	11.0	.33
4	2.4	.28	.2	.36	8.1	.33	1.0	.79	5.3	.31	9.8	.35
3	1.2	.32	- 1.0	.38	7.0	.35	- .7	.80	4.3	.31	8.6	.38
2	.0	.34	- 2.3	.39	6.0	.33	- 2.5	.85	3.3	.33	7.5	.38
1	- 1.2	.35	- 3.5	.41	4.9	.35	- 4.2	.89	2.3	.34	6.3	.41
0	- 2.4	.37	- 4.8	.42	3.9	.37	- 5.9	.91	1.3	.34	5.1	.43

TABLE 2104. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											50.4	.06
47											50.1	.22
46											49.8	.33
45											49.5	.20
44											49.2	.13
43					50.0	.06					48.9	.15
42					49.1	.15			48.0	.15	48.4	.18
41					47.9	.14			45.6	.29	47.8	.14
40	48.5	.12	49.1	.18	46.5	.17			43.3	.27	47.2	.17
39	46.5	.22	47.1	.15	45.0	.18			41.3	.29	46.5	.23
38	44.3	.25	45.2	.11	43.6	.13			39.5	.23	45.6	.18
37	42.6	.28	43.2	.21	42.2	.16			38.1	.25	44.7	.12
36	40.9	.22	41.3	.21	41.1	.12			36.7	.26	44.0	.12
35	39.5	.16	39.5	.21	39.9	.13			35.4	.22	43.3	.15
34	38.2	.20	37.8	.20	38.7	.13			34.3	.23	42.6	.17
33	36.9	.23	36.2	.18	37.6	.26			33.2	.22	41.9	.20
32	35.5	.25	34.5	.12	36.4	.28			32.2	.22	41.2	.20
31	34.2	.27	32.8	.17	35.3	.29			31.2	.17	40.4	.22
30	33.0	.26	31.3	.13	34.4	.33	48.6	.17	30.2	.16	39.7	.22
29	31.8	.26	29.8	.16	33.4	.28	46.5	.17	29.2	.23	38.9	.23
28	30.5	.24	28.5	.16	32.6	.30	44.3	.23	28.3	.26	38.1	.25
27	29.2	.25	27.3	.22	31.7	.30	42.2	.19	27.4	.31	37.3	.22
26	27.9	.25	26.0	.28	30.9	.28	40.1	.23	26.6	.32	36.5	.21
25	26.7	.28	24.7	.31	30.0	.20	37.9	.25	25.8	.32	35.6	.20
24	25.6	.27	23.5	.33	29.1	.21	35.6	.22	25.0	.33	34.6	.24
23	24.4	.28	22.3	.33	28.3	.15	33.4	.22	24.2	.31	33.7	.24
22	23.3	.19	21.2	.28	27.4	.16	31.4	.17	23.4	.27	32.8	.23
21	22.1	.16	20.2	.26	26.5	.22	29.3	.22	22.6	.21	31.7	.29
20	21.0	.15	19.3	.21	25.5	.25	27.5	.22	21.8	.18	30.5	.27
19	20.0	.15	18.4	.21	24.6	.32	25.7	.32	20.9	.12	29.2	.27
18	19.0	.20	17.6	.23	23.6	.38	23.9	.33	20.1	.17	27.9	.32
17	18.0	.20	16.8	.23	22.6	.41	22.3	.30	19.3	.16	26.5	.40
16	17.0	.27	16.0	.24	21.5	.43	20.7	.33	18.5	.19	24.9	.45
15	16.0	.27	15.2	.22	20.4	.39	19.2	.39	17.6	.18	23.3	.41
14	15.1	.24	14.3	.27	19.2	.35	17.8	.40	16.6	.25	21.6	.33
13	14.1	.29	13.4	.29	17.9	.32	16.5	.45	15.6	.26	20.0	.32
12	13.2	.30	12.4	.37	16.6	29	15.4	.43	14.5	.30	18.3	.37
11	12.3	.35	11.5	.44	15.2	.41	14.3	.47	13.3	.41	16.6	.47
10	11.4	.38	10.8	.50	13.9	.46	13.3	.47	12.2	.51	15.1	.44
9	10.3	.43	9.9	.62	12.7	.42	12.2	.53	11.0	.63	13.8	.37
8	9.2	.43	9.0	.71	11.5	.41	11.1	.56	9.8	.72	12.5	.45

TABLE 2104. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
7	8.0	.47	7.8	.79	10.2	.41	10.0	.63	8.4	.88	11.2	.55
6	6.6	.51	6.4	.78	8.7	.44	8.7	.78	7.0	1.08	10.1	.63
5	5.6	.52	5.6	.70	6.9	.60	7.2	.94	5.8	.85	8.6	.83
4	4.7	.50	4.9	.82	5.7	.56	5.7	.64	5.1	.71	6.9	1.04
3	3.8	.50	4.2	1.01	5.0	.43	5.0	.66	4.3	.60	5.6	.84
2	2.9	.59	3.5	1.27	4.3	.41	4.3	.90	3.6	.57	4.7	.64
1	2.1	.67	2.8	1.43	3.6	.49	3.6	1.23	2.9	.66	3.8	.59
0	1.2	.78	2.2	1.51	2.9	.66	2.9	1.40	2.1	.77	2.9	.71

TABLE 2105. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 3, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											60.9	.92
47											59.8	.91
46											58.6	.89
45											57.5	.88
44											56.3	.86
43					48.5	.46					55.2	.82
42					47.4	.46			43.7	.48	54.0	.81
41					46.4	.46			42.7	.49	52.9	.79
40	45.1	.40	44.9	.49	45.3	.44			41.7	.52	51.7	.78
39	43.9	.40	43.7	.51	44.3	.46			40.8	.52	50.6	.75
38	42.7	.42	42.4	52	43.2	.44			39.8	.54	49.5	.73
37	41.5	.43	41.2	.54	42.2	.43			38.8	.55	48.3	.70
36	40.3	.47	40.0	.56	41.2	.48			37.8	.55	47.2	.68
35	39.1	.48	38.7	.60	40.1	.43			36.8	.58	46.0	.68
34	37.8	.52	37.5	.61	39.1	.48			35.8	.61	44.9	.65
33	36.6	.53	36.3	.65	38.0	.44			34.8	.62	43.7	.65
32	35.4	.54	35.0	.69	37.0	.46			33.8	.63	42.6	.62
31	34.2	.54	33.8	.72	35.9	.46			32.9	.64	41.4	.64
30	33.0	.55	32.6	.77	34.9	.47	45.7	.44	31.9	.65	40.3	.60
29	31.8	.59	31.3	.78	33.8	.44	43.9	.43	30.9	.68	39.1	.61
28	30.6	.59	30.1	.82	32.8	.47	42.1	.45	29.9	.70	38.0	.56
27	29.4	.59	28.8	.84	31.8	.47	40.3	.46	28.9	.72	36.9	.58
26	28.2	.61	27.6	.87	30.7	.48	38.6	.45	27.9	.73	35.7	.55
25	26.9	.67	26.4	.91	29.7	.49	36.8	.47	26.9	.76	34.6	.56
24	25.7	.68	25.1	.95	28.6	.46	35.0	.49	25.9	.77	33.4	.56
23	24.5	.69	23.9	.99	27.6	.50	33.2	.49	25.0	.79	32.3	.55
22	23.3	.69	22.7	1.04	26.5	.47	31.4	.51	24.0	.82	31.1	.55
21	22.1	.69	21.4	1.06	25.5	.49	29.7	.53	23.0	.83	30.0	.53
20	20.9	.73	20.2	1.09	24.5	.50	27.9	.56	22.0	.83	28.8	.54
19	19.7	.76	19.0	1.12	23.4	.50	26.1	.55	21.0	.85	27.7	.54
18	18.5	.77	17.7	1.15	22.4	.52	24.3	.61	20.0	.87	26.5	.55
17	17.3	.77	16.5	1.19	21.3	.50	22.5	.61	19.0	.90	25.4	.55
16	16.1	.80	15.2	1.23	20.3	.52	20.8	.63	18.0	.93	24.3	.57
15	14.8	.84	14.0	1.27	19.2	.52	19.0	.69	17.1	.94	23.1	.57
14	13.6	.85	12.8	1.31	18.2	.54	17.2	.68	16.1	.95	22.0	.57
13	12.4	.88	11.5	1.34	17.2	.54	15.4	.71	15.1	.97	20.8	.59
12	11.2	.89	10.3	1.40	16.1	.55	13.6	.75	14.1	.99	19.7	.59
11	10.0	.89	9.1	1.43	15.1	.56	11.9	.78	13.1	1.02	18.5	.61
10	8.8	.93	7.8	1.45	14.0	.56	10.1	.78	12.1	1.02	17.4	.63
9	7.6	.93	6.6	1.50	13.0	.57	8.3	.85	11.1	1.06	16.2	.63
8	6.4	.93	5.4	1.55	11.9	57	6.5	.86	10.1	1.06	15.1	.66

TABLE 2105. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 3, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
[illegible]	5.2	.97	4.1	1.56	10.9	.58	4.7	.88	9.2	1.10	13.9	.65
6	3.9	1.C2	2.9	1.62	9.8	.58	3.0	.94	8.2	1.10	12.8	.67
5	2.7	1.02	1.7	1.66	8.8	.59	1.2	.95	7.2	1.15	11.6	.68
4	1.5	1.C4	.4	1.67	7.8	.62	- .6	.98	6.2	1.15	10.5	.70
3	.3	1.C6	- .8	1.72	6.7	.62	- 2.4	1.01	5.2	1.19	9.4	.75
2	- .9	1.08	- 2.1	1.75	5.7	.62	- 4.2	1.03	4.2	1.19	8.2	.74
1	- 2.1	1.11	- 3.3	1.81	4.6	.63	- 6.0	1.06	3.2	1.22	7.1	.77
0	- 3.3	1.11	- 4.5	1.82	3.6	.63	- 7.7	1.13	2.2	1.24	5.9	.78

TABLE 2106. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 3, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											50.4	.05
47											50.1	.09
46											49.8	.09
45											49.5	.09
44											49.2	.13
43					50.0	.04					48.8	.19
42					49.0	.09			46.1	.16	48.3	.26
41					47.8	.17			45.7	.27	47.8	.25
40	48.5	.18	48.9	.28	46.5	.28			43.4	.37	47.2	.22
39	46.4	.27	47.2	.28	45.1	.30			41.3	.44	46.5	.24
38	44.5	.21	45.3	.37	43.7	.38			39.6	.46	45.9	.24
37	42.5	.31	43.3	.47	42.3	.42			38.1	.55	45.1	.28
36	40.7	.37	41.3	.63	40.9	.43			36.8	.63	44.4	.31
35	39.2	.37	39.4	.63	39.6	.44			35.6	.66	43.7	.34
34	37.8	.42	37.[illegible]	.71	38.5	.47			34.5	.71	43.0	.37
33	36.4	.52	36.1	.82	37.3	.51			33.4	.73	42.3	.43
32	35.0	.59	34.4	.86	36.1	.56			32.5	.73	41.5	.47
31	33.6	.63	32.8	.94	35.0	.60			31.5	.78	40.8	.50
30	32.3	.71	31.2	1.01	34.0	.58	48.7	.11	30.6	.83	40.1	.50
29	31.0	.76	29.7	1.03	33.1	.60	46.5	.20	29.8	.86	39.4	.51
28	29.8	.78	28.4	1.03	32.3	.59	44.2	.24	29.0	.90	38.6	.51
27	28.6	.82	27.1	1.03	31.4	.61	41.8	.35	28.2	.95	37.8	.50
26	27.2	.88	25.9	1.08	30.4	.57	39.5	.43	27.3	.96	37.0	.54
25	25.9	.93	24.6	1.09	29.7	.60	37.1	.49	26.5	1.02	36.1	.57
24	24.8	.94	23.4	1.11	28.8	.57	34.8	.63	25.7	1.03	35.1	.56
23	23.6	.96	22.3	1.13	27.9	.55	32.4	.66	24.9	1.04	34.1	.57
22	22.4	.91	21.3	1.12	27.1	.59	30.2	.72	24.1	1.06	33.1	.62
21	21.3	.86	20.3	1.11	26.2	.61	28.3	.75	23.3	1.04	32.1	.64
20	20.3	.81	19.4	1.07	25.2	.58	26.2	.80	22.5	1.00	30.8	.65
19	19.2	.84	18.5	1.02	24.3	.63	24.3	.80	21.6	.99	29.7	.65
18	18.2	.85	17.7	.98	23.3	.65	22.5	.74	20.8	.97	28.4	.64
17	17.3	.78	16.9	.97	22.3	.68	21.0	.71	20.0	.96	27.0	.65
16	16.3	.74	16.1	.95	21.2	.63	19.5	.68	19.1	.94	25.5	.67
15	15.4	.69	15.2	.88	20.1	.62	18.1	.67	18.2	.97	23.9	.67
14	14.5	.67	14.4	.88	18.9	.59	16.9	.61	17.2	.93	22.1	.68
13	13.6	.64	13.5	.88	17.5	.50	15.7	.58	16.1	.92	20.5	.62
12	12.7	.56	12.6	.85	16.2	.46	14.6	.55	15.0	.86	18.9	.65
11	11.8	.53	11.7	.82	14.8	.40	13.5	.53	13.8	.82	17.4	.60
10	10.8	.50	10.8	.80	13.5	.38	12.5	.52	12.6	.80	15.9	.57
9	9.9	.51	10.0	.80	12.1	.35	11.4	.52	11.3	.76	14.4	.54
8	8.9	.54	9.1	.87	10.9	.35	10.5	.58	10.2	.79	13.0	.50

TABLE 2106. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

PROCEDURE 3, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
7	7.8	.60	7.9	.81	9.8	.40	9.4	.64	8.8	.84	11.6	.52
6	6.8	.63	6.8	.77	8.5	.45	8.1	.71	7.5	.97	10.4	.51
5	5.6	.64	5.5	.90	7.2	.55	6.8	.82	6.0	.98	9.2	.63
4	4.3	.63	4.2	1.08	6.0	.62	5.5	.82	4.6	.84	7.6	.72
3	2.9	.70	2.8	1.26	4.6	.55	4.2	1.00	3.1	.68	6.1	.89
2	1.5	.84	1.5	1.19	3.1	.52	2.8	1.21	1.7	.58	4.2	.89
1	.2	.95	.2	.93	1.7	.48	1.5	.78	.2	.53	2.3	.99
0	.0	.36	.0	.39	.2	.50	.2	.17	.0	.00	.4	.46

TABLE 2107. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											60.9	.60
47											59.8	.60
46											58.6	.56
45											57.5	.55
44											56.3	.51
43					48.8	.30					55.1	.52
42					47.8	.30			43.6	.21	54.0	.50
41					46.7	.25			42.6	.22	52.8	.49
40	45.8	.31	45.1	.25	45.7	.28			41.6	.20	51.7	.46
39	44.6	.29	43.9	.24	44.6	.27			40.6	.20	50.5	.44
38	43.4	.29	42.6	.24	43.6	.25			39.6	.16	49.4	.42
37	42.2	.30	41.4	.22	42.5	.23			38.6	.16	48.2	.42
36	41.0	.29	40.1	.21	41.5	.23			37.5	.17	47.1	.40
35	39.8	.27	38.8	.21	40.4	.22			36.5	.17	45.9	.40
34	38.6	.24	37.5	.20	39.4	.22			35.5	.19	44.8	.39
33	37.4	.23	36.3	.22	38.3	.20			34.5	.21	43.6	.35
32	36.2	.23	35.0	.22	37.3	.21			33.5	.21	42.5	.36
31	35.0	.22	33.8	.19	36.3	.21			32.5	.20	41.3	.32
30	33.8	.24	32.5	.22	35.2	.20	46.4	.26	31.5	.20	40.2	.32
29	32.6	.21	31.2	.21	34.1	.19	44.6	.25	30.5	.22	39.0	.32
28	31.4	.21	30.0	.20	33.1	.20	42.9	.23	29.5	.23	37.8	.30
27	30.2	.21	28.7	.20	32.0	.18	41.1	.21	28.5	.24	36.7	.28
26	29.0	.21	27.4	.23	31.0	.18	39.3	.21	27.5	.22	35.6	.30
25	27.8	.21	26.2	.21	29.9	.20	37.5	.21	26.5	.23	34.4	.29
24	26.6	.21	24.9	.23	28.9	.17	35.7	.21	25.5	.24	33.3	.28
23	25.4	.20	23.7	.24	27.8	.19	34.0	.18	24.5	.26	32.1	.27
22	24.2	.20	22.4	.27	26.8	.19	32.2	.18	23.5	.26	31.0	.28
21	23.0	.20	21.1	.26	25.7	.20	30.4	.21	22.5	.26	29.8	.27
20	21.8	.20	19.9	.25	24.7	.18	28.6	.25	21.5	.27	28.7	.25
19	20.6	.21	18.6	.28	23.6	.19	26.9	.21	20.5	.28	27.5	.29
18	19.4	.22	17.4	.30	22.6	.21	25.1	.23	19.5	.28	26.3	.30
17	18.2	.23	16.1	.32	21.5	.19	23.3	.25	18.5	.28	25.2	.29
16	17.0	.24	14.8	.34	20.5	.20	21.5	.26	17.5	.30	24.0	.31
15	15.8	.24	13.5	.35	19.5	.18	19.7	.33	16.5	.32	22.9	.29
14	14.6	.24	12.3	.36	18.4	.21	18.0	.33	15.5	.35	21.7	.31
13	13.4	.26	11.0	.36	17.4	.21	16.2	.34	14.5	.33	20.6	.30
12	12.2	.28	9.8	.40	16.3	.22	14.4	.37	13.5	.35	19.5	.31
11	11.0	.28	8.5	.41	15.2	.27	12.6	.40	12.5	.35	18.3	.32
10	9.8	.28	7.2	.42	14.2	.26	10.8	.45	11.5	.38	17.2	.31
9	8.6	.30	6.0	.41	13.1	.27	9.1	.44	10.4	.40	16.0	.33
8	7.4	.30	4.7	.44	12.1	.25	7.3	.48	9.4	.41	14.8	.36

TABLE 2107. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
7	6.2	.32	3.5	.47	11.0	.29	5.5	.50	8.4	.41	13.7	.36
6	5.0	.33	2.2	.46	10.0	.25	3.7	.55	7.4	.41	12.5	.37
5	3.8	.31	1.0	.50	8.9	.29	1.9	.57	6.4	.41	11.4	.39
4	2.6	.34	- .3	.50	7.9	.31	.2	.57	5.4	.45	10.2	.44
3	1.4	.37	- 1.6	.51	6.8	.34	- 1.6	.60	4.4	.45	9.1	.40
2	.2	.37	- 2.9	.53	5.8	.31	- 3.4	.64	3.4	.44	7.9	.43
1	- 1.0	.40	- 4.1	.54	4.7	.35	- 5.2	.68	2.4	.46	6.8	.46
0	- 2.2	.40	- 5.4	.58	3.7	.34	- 6.9	.66	1.4	.46	5.6	.45

TABLE 2108. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
48											50.4	.04
47											50.1	.17
46											49.8	.22
45											49.5	.17
44											49.2	.13
43					50.0	.06					48.9	.12
42					49.1	.08			48.1	.09	48.4	.14
41					47.9	.15			45.6	.15	47.8	.15
40	48.7	.06	49.1	.13	46.6	.21			43.4	.17	47.2	.12
39	46.7	.09	47.2	.10	45.2	.27			41.3	.15	46.5	.10
38	44.7	.18	45.2	.14	43.9	.24			39.5	.18	45.8	.12
37	42.9	.18	43.2	.13	42.5	.23			38.0	.20	45.0	.15
36	41.2	.21	41.1	.18	41.2	.19			36.7	.24	44.3	.17
35	39.7	.17	39.3	.18	39.9	.15			35.4	.20	43.6	.19
34	38.4	.17	37.6	.19	38.7	.13			34.3	.24	42.9	.20
33	37.1	.23	36.0	.17	37.6	.17			33.2	.22	42.2	.20
32	35.8	.25	34.4	.21	36.4	.18			32.2	.24	41.4	.22
31	34.5	.27	32.7	.21	35.3	.17			31.2	.24	40.6	.24
30	33.3	.27	31.2	.24	34.4	.21	48.8	.12	30.2	.22	39.9	.20
29	32.0	.28	29.6	.24	33.4	.19	46.8	.13	29.3	.25	39.1	.21
28	30.8	.26	28.3	.23	32.6	.22	44.7	.16	28.4	.29	38.4	.21
27	29.5	.26	27.1	.25	31.7	.21	42.5	.20	27.6	.29	37.6	.20
26	28.3	.28	25.9	.31	30.9	.22	40.1	.26	26.8	.27	36.7	.19
25	27.1	.30	24.6	.30	30.0	.18	37.9	.26	26.0	.27	35.8	.23
24	26.0	.32	23.3	.30	29.1	.17	35.6	.23	25.1	.28	34.9	.25
23	24.7	.35	22.1	.31	28.2	.17	33.5	.21	24.3	.29	33.9	.26
22	23.5	.31	21.0	.29	27.3	.16	31.3	.21	23.4	.30	32.9	.26
21	22.3	.31	20.1	.32	26.5	.19	29.3	.19	22.6	.31	31.8	.29
20	21.3	.26	19.1	.26	25.5	.21	27.3	.24	21.8	.29	30.7	.26
19	20.3	.22	18.2	.26	24.6	.25	25.4	.29	21.0	.29	29.4	.28
18	19.3	.25	17.4	.22	23.6	.29	23.6	.25	20.2	.27	28.2	.32
17	18.3	.27	16.5	.20	22.6	.33	21.9	.27	19.4	.30	26.9	.36
16	17.2	.32	15.7	.22	21.5	.33	20.4	.24	18.5	.34	25.4	.36
15	16.2	.30	14.8	.24	20.3	.28	18.9	.30	17.6	.35	23.8	.35
14	15.3	.26	14.0	.23	19.1	.28	17.6	.27	16.6	.39	22.0	.33
13	14.3	.25	13.1	.26	17.6	.26	16.3	.33	15.6	.38	20.5	.35
12	13.3	.26	12.2	.29	16.2	.32	15.2	.28	14.5	.38	18.9	.39
11	12.4	.22	11.3	.29	14.8	.32	14.0	.30	13.4	.40	17.2	.37
10	11.4	.20	10.5	.37	13.5	.33	12.9	.29	12.3	.44	15.6	.40
9	10.3	.32	9.6	.48	12.2	.30	11.8	.35	11.1	.48	14.2	.35
8	9.2	.37	8.6	.56	11.1	.28	10.7	.43	9.8	.57	12.8	.38

TABLE 2108. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE VOCABULARY SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, WORD KNOWLEDGE SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A VOCABULARY		CTBS (68 ED.) LEVEL 2 FORM Q VOCABULARY		ITBS (71 ED.) LEVEL 11 FORM 5 VOCABULARY		STEP-II (69 ED.) LEVEL 4 FORM A PART 1 (VOCAB.)		SRA (71 ED.) BLUE FORM E VOCABULARY		SAT (64 ED.) INTERMEDIATE II FORM W WORD MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
7	8.1	.43	7.5	.62	9.9	36	9.6	.57	8.4	.74	11.5	.37
6	6.9	.44	6.2	.61	8.6	.41	8.3	.71	7.0	.89	10.3	.38
5	5.8	.44	5.3	.66	7.1	.55	6.8	.82	5.6	.79	8.8	.54
4	4.8	.42	4.4	.77	6.0	.61	5.4	.65	4.6	.71	7.2	.74
3	3.8	.41	3.6	.95	4.9	.61	4.4	.54	3.6	.65	5.8	.68
2	2.7	.45	2.8	1.06	3.8	.50	3.5	.57	2.6	.61	4.4	.65
1	1.7	.45	1.9	.87	2.7	.40	2.5	.63	1.6	.51	3.1	.81
0	.7	.52	1.1	.69	1.6	.38	1.5	.58	1.1	.36	1.7	.48

TABLE 2109. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 1, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					48.4	.31						
73					47.8	.33						
72					47.2	.33						
71					46.5	.29						
70					45.9	.31						
69					45.2	.29						
68					44.6	.27						
67					44.0	.29						
66					43.3	.27						
65					42.7	.26						
64					42.1	.28					51.9	.52
63					41.4	.24					51.1	.52
62					40.8	.26					50.3	.48
61					40.2	.26					49.6	.52
60					39.5	.24					48.8	.48
59					38.9	.24					48.0	.46
58					38.3	.26					47.2	.47
57					37.6	.23					46.4	.44
56					37.0	.23					45.7	.44
55					36.3	.20					44.9	.41
54					35.7	.22					44.1	.43
53					35.1	.23					43.3	.39
52					34.4	.19					42.5	.37
51					33.8	.22					41.8	.38
50					33.2	.23					41.0	.39
49					32.5	.19					40.2	.36
48					31.9	.19			43.9	.30	39.4	.34
47					31.3	.21			42.9	.27	38.6	.34
46					30.6	.20			42.0	.28	37.9	.33
45			40.5	.39	30.0	.19			41.1	.27	37.1	.34
44			39.6	.41	29.4	.19			40.2	.27	36.3	.32
43			38.6	.38	28.7	.21			39.3	.27	35.5	.32
42	43.6	.33	37.6	.37	28.1	.20			38.3	.25	34.7	.28
41	42.4	.30	36.7	.37	27.4	.19			37.4	.24	34.0	.31
40	41.3	.28	35.7	.34	26.8	.20			36.5	.24	33.2	.29
39	40.1	.26	34.7	.34	26.2	.19			35.6	.24	32.4	.27
38	38.9	.23	33.7	.31	25.5	.21			34.7	.25	31.6	.27
37	37.8	.24	32.8	.33	24.9	.19			33.7	.23	30.8	.25
36	36.6	.23	31.8	.31	24.3	.19			32.8	.23	30.1	.29
35	35.4	.18	30.8	.29	23.6	.21			31.9	.24	29.3	.26
34	34.3	.22	29.8	.30	23.0	.22			31.0	.24	28.5	.26

TABLE 2109. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 1 LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	33.1	.19	28.9	.28	22.4	.19			30.0	.22	27.7	.24
32	32.0	.21	27.9	.29	21.7	.21			29.1	.22	26.9	.26
31	30.8	.20	26.9	.28	21.1	.20			28.2	.23	26.2	.26
30	29.6	.20	25.9	.26	20.5	.21	44.0	.24	27.3	.22	25.4	.27
29	28.5	.21	25.0	.27	19.8	.23	42.6	.24	26.4	.22	24.6	.25
28	27.3	.22	24.0	.26	19.2	.20	41.2	.23	25.4	.24	23.8	.26
27	26.1	.24	23.0	.25	18.5	.26	39.7	.19	24.5	.25	23.0	.27
26	25.0	.24	22.0	.26	17.9	.24	38.3	.18	23.6	.24	22.3	.25
25	23.8	.27	21.1	.25	17.3	.21	36.9	.19	22.7	.22	21.5	.25
24	22.6	.30	20.1	.27	16.6	.26	35.4	.17	21.8	.24	20.7	.25
23	21.5	.29	19.1	.27	16.0	.24	34.0	.19	20.8	.27	19.9	.28
22	20.3	.34	18.1	.27	15.4	.23	32.6	.19	19.9	.27	19.1	.28
21	19.2	.32	17.2	.25	14.7	.27	31.1	.20	19.0	.26	18.4	.26
20	18.0	.37	16.2	.27	14.1	.24	29.7	.21	18.1	.27	17.6	.27
19	16.8	.39	15.2	.30	13.5	.26	28.3	.22	17.1	.32	16.8	.30
18	15.7	.40	14.2	.29	12.8	.28	26.8	.26	16.2	.32	16.0	.29
17	14.5	.43	13.3	.28	12.2	.26	25.4	.25	15.3	.28	15.2	.32
16	13.3	.47	12.3	.31	11.5	.32	24.0	.26	14.4	.29	14.5	.30
15	12.2	.48	11.3	.33	10.9	.28	22.5	.29	13.5	.30	13.7	.30
14	11.0	.51	10.3	.33	10.3	.28	21.1	.32	12.5	.34	12.9	.32
13	9.8	.55	9.4	.32	9.6	34	19.7	.31	11.6	.34	12.1	.33
12	8.7	.54	8.4	.34	9.0	.31	18.2	.38	10.7	.34	11.3	.36
11	7.5	.58	7.4	.36	8.4	.29	16.8	.38	9.8	.35	10.6	.34
10	6.4	.58	6.4	.40	7.7	.34	15.4	.38	8.8	.39	9.8	.38
9	5.2	.63	5.5	.35	7.1	.31	13.9	.43	7.9	.40	9.0	.39
8	4.0	.70	4.5	.38	6.5	.30	12.5	.44	7.0	.39	8.2	.38
7	2.9	.69	3.5	.41	5.8	.34	11.1	.46	6.1	.38	7.4	.39
6	1.7	.74	2.5	.45	5.2	.34	9.6	.51	5.2	.38	6.7	.39
5	.5	.77	1.6	.40	4.6	.32	8.2	.52	4.2	.44	5.9	.41
4	- .6	.77	.6	.43	3.9	.35	6.8	.52	3.3	.44	5.1	.42
3	- 1.8	.81	- .4	.47	3.3	.36	5.3	.59	2.4	.44	4.3	.42
2	- 2.9	.8[illegible]	- 1.4	.50	2.6	.41	3.9	.58	1.5	.40	3.5	.46
1	- 4.1	.85	- 2.3	.47	2.0	.37	2.5	.61	.6	.42	2.8	.44
0	- 5.3	.89	- 3.3	.48	1.4	.36	1.0	.68	- .4	.46	2.0	.47

TABLE 2110. ANCHOR TEST EQUATING STUDY: GRADE 5 PAGE 1

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 1, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					45.4	.00						
73					45.4	.04						
72					45.2	.19						
71					44.6	.33						
70					44.0	.20						
69					43.3	.15						
68					42.7	.16						
67					42.2	.18						
66					41.7	.22						
65					41.2	.22						
64					40.9	.20					45.3	.06
63					40.4	.17					44.9	.21
62					40.0	.18					44.5	.24
61					39.4	.15					44.0	.29
60					38.9	.16					43.6	.32
59					38.4	.17					43.2	.33
58					37.9	.19					42.8	.35
57					37.4	.22					42.4	.35
56					36.8	.25					41.9	.31
55					36.2	.24					41.5	.27
54					35.6	.29					41.0	.26
53					35.0	.28					40.6	.27
52					34.4	.24					40.2	.29
51					33.8	.26					39.8	.29
50					33.2	.26					39.3	.31
49					32.7	.25					38.8	.30
48					32.1	.25			44.9	.06	38.3	.29
47					31.5	.23			43.7	.23	37.8	.31
46					30.9	.26			42.8	.21	37.3	.30
45			44.7	.09	30.4	.24			41.7	.14	36.8	.33
44			43.3	.21	29.8	.25			40.6	.13	36.3	.32
43			41.8	.19	29.2	.25			39.5	.14	35.7	.31
42	44.6	.11	40.4	.19	28.5	.32			38.6	.18	35.1	.29
41	43.0	.20	39.0	.17	27.9	.32			37.6	.21	34.4	.26
40	41.7	.18	37.6	.28	27.2	.35			36.6	.23	33.8	.25
39	40.5	.16	35.9	.32	26.6	.30			35.6	.30	33.1	.22
38	39.5	.18	34.4	.29	26.0	.29			34.6	.29	32.5	.24
37	38.4	.19	32.8	.26	25.5	.22			33.6	.31	31.8	.25
36	37.3	.22	31.3	.29	25.0	.20			32.6	.32	31.2	.27
35	36.1	.26	29.9	.31	24.4	.22			31.6	.33	30.5	.27
34	34.8	.26	28.6	.32	23.8	.21			30.7	.38	29.7	.26

TABLE 2110. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 1, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	33.6	.27	27.4	.29	23.1	.23			29.8	.35	28.9	.24
32	32.4	.24	26.2	.30	22.5	.18			28.9	.35	28.1	.26
31	31.1	.25	25.2	.31	21.8	.18			28.0	.39	27.2	.25
30	29.8	.24	24.2	.31	21.2	.19	44.6	.13	27.1	.38	26.4	.30
29	28.5	.24	23.3	.34	20.5	.19	42.9	.27	26.2	.35	25.6	.32
28	27.1	.25	22.4	.32	19.9	.21	41.4	.21	25.4	.32	24.8	.37
27	25.6	.25	21.5	.32	19.2	.22	39.9	.19	24.5	.30	24.0	.36
26	24.3	.32	20.6	.36	18.4	.25	38.5	.18	23.7	.29	23.1	.30
25	23.0	.34	19.9	.34	17.7	.26	37.0	.22	22.7	.22	22.3	.29
24	21.8	.36	19.1	.37	16.9	.28	35.4	.33	21.8	.18	21.4	.26
23	20.5	.40	18.4	.33	16.0	.31	33.9	.35	20.9	.24	20.5	.29
22	19.4	.45	17.7	.34	15.2	.31	32.3	.33	20.0	.29	19.6	.33
21	18.2	.43	17.0	.34	14.3	.35	30.8	.33	19.1	.33	18.6	.34
20	17.1	.55	16.3	.30	13.5	.29	29.6	.26	18.1	.38	17.5	.31
19	16.2	.52	15.6	.30	12.7	.29	28.2	.25	17.2	.38	16.5	.31
18	15.2	.52	14.9	.25	11.9	.31	26.9	.22	16.3	.38	15.5	.33
17	14.3	.52	14.2	.23	11.2	.31	25.6	.25	15.4	.40	14.6	.33
16	13.4	.50	13.5	.18	10.5	.35	24.2	.28	14.4	.36	13.6	.24
15	12.6	.49	12.7	.15	9.8	.42	22.7	.30	13.4	.35	12.7	.21
14	11.8	.49	11.9	.17	9.1	.41	21.3	.29	12.5	.33	11.7	.18
13	11.1	.45	11.1	.16	8.3	.46	19.9	.32	11.6	.32	10.8	.19
12	10.3	.42	10.3	.19	7.7	.42	18.5	.38	10.8	.26	9.9	.23
11	9.6	.39	9.5	.14	7.2	.45	17.0	.42	9.9	.30	9.1	.28
10	8.7	.41	8.5	.24	6.6	.57	15.4	.49	9.1	.22	8.2	.34
9	7.9	.37	7.5	.26	6.2	.62	13.8	.54	8.1	.31	7.5	.37
8	7.0	.36	6.4	.31	5.7	.79	12.3	.48	7.2	.30	6.8	.37
7	6.3	.29	5.5	.27	4.9	.99	10.8	.45	6.4	.28	6.2	.32
6	5.5	.30	4.7	.39	4.1	.99	9.6	.32	5.4	.39	5.3	.53
5	4.6	.48	3.9	.59	3.3	.97	8.0	.39	4.1	.48	4.0	.55
4	3.7	.90	3.1	.82	2.4	.99	6.5	.42	2.8	.48	2.7	.52
3	2.7	1.29	2.3	1.05	1.6	.74	4.9	.43	1.5	.55	1.4	.55
2	1.8	1.21	1.5	1.07	.8	.57	3.4	.36	.2	.64	.1	.60
1	.9	.64	.7	.50	.0	.41	1.8	.47	.0	.06	.0	.05
0	.0	.00	.0	.00	.0	.00	.3	.12	.0	.00	.0	.00

TABLE 2111. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					48.5	.54						
73					47.9	.54						
72					47.2	.49						
71					46.6	.48						
70					45.9	.47						
69					45.3	.47						
68					44.6	.45						
67					44.0	.43						
66					43.4	.41						
65					42.7	.42						
64					42.1	.41					52.3	.49
63					41.4	.39					51.5	.47
62					40.8	.36					50.7	.47
61					40.2	.38					49.9	.47
60					39.5	.35					49.1	.46
59					38.9	.34					48.3	.43
58					38.2	.31					47.5	.43
57					37.6	.31					46.8	.43
56					37.0	.31					46.0	.41
55					36.3	.30					45.2	.39
54					35.7	.28					44.4	.39
53					35.0	.27					43.6	.36
52					34.4	.27					42.8	.36
51					33.7	.25					42.0	.36
50					33.1	.25					41.2	.34
49					32.5	.23					40.4	.32
48					31.8	.24			44.0	.39	39.6	.29
47					31.2	.22			43.1	.39	38.8	.29
46					30.5	.20			42.2	.35	38.0	.28
45			40.7	.26	29.9	.20			41.2	.36	37.2	.27
44			39.7	.25	29.3	.18			40.3	.34	36.4	.27
43			38.7	.22	28.6	.18			39.4	.35	35.6	.27
42	43.6	.35	37.7	.22	28.0	.18			38.4	.33	34.8	.25
41	42.4	.35	36.7	.23	27.3	.18			37.5	.31	34.0	.23
40	41.3	.32	35.8	.21	26.7	.18			36.6	.29	33.2	.23
39	40.1	.31	34.8	.20	26.0	.15			35.7	.30	32.4	.22
38	39.0	.29	33.8	.17	25.4	.16			34.7	.28	31.6	.22
37	37.8	.28	32.8	.17	24.8	.17			33.8	.29	30.8	.22
36	36.7	.24	31.8	.18	24.1	.17			32.9	.25	30.1	.18
35	35.5	.26	30.8	.14	23.5	.15			31.9	.25	29.3	.18
34	34.4	.24	29.9	.16	22.8	.19			31.0	.25	28.5	.16

TABLE 2111. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	33.2	.22	28.9	.16	22.2	.18			30.1	.23	27.7	.16
32	32.1	.21	27.9	.13	21.6	.18			29.1	.21	26.9	.16
31	31.0	.19	26.9	.13	20.9	.18			28.2	.21	26.1	.15
30	29.8	.16	25.9	.12	20.3	.21	44.1	.32	27.3	.21	25.3	.12
29	28.7	.14	24.9	.14	19.6	.21	42.6	.31	26.3	.21	24.5	.14
28	27.5	.14	24.0	.16	19.0	.22	41.2	.28	25.4	.17	23.7	.14
27	26.4	.13	23.0	.14	18.4	.21	39.8	.27	24.5	.17	22.9	.14
26	25.2	.10	22.0	.15	17.7	.24	38.3	.24	23.6	.17	22.1	.12
25	24.1	.09	21.0	.14	17.1	.22	36.9	.22	22.6	.17	21.3	.12
24	22.9	.11	20.0	.14	16.4	.27	35.5	.18	21.7	.15	20.5	.11
23	21.8	.08	19.0	.14	15.8	.26	34.0	.19	20.8	.14	19.7	.11
22	20.6	.09	18.1	.15	15.1	.29	32.6	.16	19.8	.14	18.9	.14
21	19.5	.08	17.1	.19	14.5	.28	31.1	.17	18.9	.13	18.1	.15
20	18.3	.09	16.1	.19	13.9	.30	29.7	.11	18.0	.11	17.3	.15
19	17.2	.10	15.1	.20	13.2	.32	28.3	.12	17.0	.14	16.5	.15
18	16.0	.10	14.1	.20	12.6	.32	26.8	.12	16.1	.11	15.7	.15
17	14.9	.09	13.1	.21	11.9	.34	25.4	.12	15.2	.12	14.9	.15
16	13.7	.13	12.2	.24	11.3	.33	24.0	.12	14.2	.11	14.2	.17
15	12.6	.14	11.2	.26	10.7	.35	22.5	.13	13.3	.12	13.4	.17
14	11.4	.17	10.2	.28	10.0	.37	21.1	.14	12.4	.11	12.6	.19
13	10.3	.14	9.2	.28	9.4	.36	19.6	.15	11.5	.13	11.8	.19
12	9.1	.18	8.2	.28	8.7	.39	18.2	.17	10.5	.11	11.0	.20
11	8.0	.18	7.2	.30	3.1	.41	16.8	.18	9.6	.12	10.2	.21
10	6.8	.22	6.2	.30	7.5	.41	15.3	.22	8.7	.14	9.4	.21
9	5.7	.20	5.3	.33	6.8	.44	13.9	.23	7.7	.13	8.6	.21
8	4.5	.24	4.3	.34	6.2	.43	12.4	.27	6.8	.13	7.8	.22
7	3.4	.26	3.3	.35	5.5	.46	11.0	.27	5.9	.15	7.0	.25
6	2.2	.27	2.3	.36	4.9	.46	9.6	.29	4.9	.17	6.2	.27
5	1.1	.27	1.3	.36	4.2	.50	8.1	.32	4.0	.15	5.4	.27
4	- .1	.30	.3	.40	3.6	.50	6.7	.34	3.1	.18	4.6	.28
3	- 1.2	.31	- .6	.43	3.0	.49	5.3	.38	2.1	.17	3.8	.28
2	- 2.3	.33	- 1.6	.43	2.3	.52	3.8	.39	1.2	.21	3.0	.30
1	- 3.5	.32	- 2.6	.44	1.7	.55	2.4	.42	.3	.20	2.2	.33
0	- 4.6	.35	- 3.6	.46	1.0	.53	.9	.45	- .6	.21	1.4	.33

TABLE 2112. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					45.3	.32						
73					45.0	.29						
72					44.6	.22						
71					44.2	.18						
70					43.9	.16						
69					43.5	.09						
68					43.1	.10						
67					42.6	.18						
66					42.0	.19						
65					41.4	.25						
64					40.7	.26						
63					40.1	.24					45.3	.32
62					39.6	.19					44.9	.27
61					39.2	.16					44.5	.24
60					38.7	.15					44.1	.20
59					38.2	.13					43.7	.18
58					37.7	.15					43.3	.18
57					37.2	.14					42.9	.21
56					36.7	.16					42.4	.24
55					36.2	.20					41.9	.26
54					35.7	.23					41.4	.22
53					35.1	.24					40.8	.21
52					34.5	.22					40.2	.17
51					33.9	.24					39.8	.12
50					33.3	.23					39.4	.13
49					32.7	.20					39.0	.12
48					32.2	.25					38.6	.17
47					31.6	.21			45.0	.29	38.1	.15
46					31.0	.21			43.9	.21	37.7	.19
45			44.9	.36	30.3	.26			42.9	.24	37.2	.19
44			43.7	.45	29.7	.25			41.7	.18	36.7	.18
43			42.3	.31	29.1	.31			40.5	.15	36.2	.19
42	44.6	.23	40.8	.30	28.5	.33			39.5	.16	35.7	.17
41	43.0	.20	39.3	.24	27.8	.35			38.5	.14	35.2	.17
40	41.8	.31	38.0	.15	27.2	.30			37.5	.17	34.6	.18
39	40.5	.32	36.6	.17	26.6	.30			36.5	.22	33.9	.16
38	39.5	.25	35.1	.23	25.9	.30			35.6	.30	33.3	.16
37	38.5	.18	33.3	.20	25.2	.26			34.6	.32	32.7	.12
36	37.4	.18	31.6	.21	24.6	.24			33.6	.32	32.1	.16
35	36.4	.25	30.1	.18	24.0	.25			32.6	.33	31.4	.18
34	35.3	.31	28.6	.20	23.4	.29			31.6	.36	30.7	.17
									30.7	.35	29.9	.18

TABLE 2112. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	33.9	.27	27.3	.27	22.7	.27			29.7	.35	29.1	.20
32	32.6	.29	26.1	.27	22.1	.30			28.8	.33	28.3	.23
31	31.2	.32	25.0	.27	21.5	.36			28.0	.30	27.5	.24
30	29.8	.32	23.9	.26	20.8	.36	44.5	.23	27.2	.31	26.7	.23
29	28.3	.35	22.9	.28	20.1	.37	42.8	.12	26.4	.30	25.9	.22
28	27.0	.34	22.0	.31	19.4	.37	41.1	.25	25.6	.28	25.0	.17
27	25.9	.24	21.1	.33	18.7	.37	39.6	.14	24.7	.25	24.2	.18
26	24.6	.21	20.3	.30	17.9	.35	38.2	.12	23.9	.26	23.3	.18
25	23.3	.23	19.5	.31	17.2	.32	36.8	.17	23.0	.20	22.4	.24
24	22.1	.17	18.7	.27	16.5	.30	35.5	.20	22.1	.17	21.5	.30
23	20.9	.21	17.9	.26	15.7	.28	34.0	.15	21.3	.22	20.5	.29
22	19.7	.25	17.2	.27	14.9	.27	32.5	.12	20.3	.19	19.4	.26
21	18.4	.31	16.6	.29	14.1	.27	31.0	.14	19.3	.22	18.3	.22
20	17.3	.27	15.9	.27	13.4	.27	29.5	.21	18.2	.24	17.1	.21
19	16.3	.21	15.3	.28	12.7	.27	28.1	.20	17.2	.22	16.0	.23
18	15.3	.25	14.6	.27	12.0	.31	26.8	.16	16.3	.20	14.8	.22
17	14.4	.21	13.9	.27	11.2	.34	25.5	.15	15.2	.17	13.8	.25
16	13.5	.18	13.3	.26	10.5	.42	24.3	.13	14.2	.19	12.8	.25
15	12.7	.14	12.5	.24	9.8	.45	22.9	.16	13.3	.18	11.8	.24
14	12.0	.07	11.8	.22	9.1	.52	21.5	.17	12.3	.20	11.0	.19
13	11.2	.09	11.0	.24	8.4	.58	19.9	.25	11.3	.22	10.3	.23
12	10.4	.10	10.2	.22	7.7	.63	18.2	.27	10.4	.18	9.5	.21
11	9.7	.17	9.3	.26	7.2	.72	16.5	.23	9.5	.19	8.8	.19
10	8.7	.15	8.5	.23	6.6	.79	14.9	.22	8.5	.18	8.0	.25
9	7.9	.17	7.6	.21	6.1	.96	13.5	.21	7.5	.21	7.3	.39
8	7.0	.22	6.7	.29	5.6	1.21	12.1	.22	6.6	.34	6.6	.49
7	6.1	.36	5.8	.50	4.9	1.36	10.7	.18	5.6	.47	6.0	.67
6	5.2	.49	4.8	.50	4.2	1.54	9.3	.20	4.3	.32	5.4	.84
5	4.2	.62	3.9	.64	3.5	1.39	7.9	.24	3.0	.45	4.3	.66
4	3.1	.74	2.9	.70	2.8	1.21	6.4	.33	1.6	.75	3.3	.56
3	2.1	.95	1.9	.74	2.0	1.03	4.8	.80	.2	1.11	2.2	.45
2	1.1	.92	1.0	.91	1.3	.69	3.3	1.55	.0	.59	1.1	.46
1	.0	.64	.0	.00	.6	.32	1.8	1.21	.0	.00	.0	.57
0	.0	.00	.0	.00	.0	.00	.3	.22	.0	.00	.0	.00

TABLE 2113. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 3, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					48.3	.51						
73					47.7	.52						
72					47.1	.54						
71					46.4	.49						
70					45.8	.51						
69					45.1	.51						
68					44.5	.49						
67					43.9	.51						
66					43.2	.50						
65					42.6	.49						
64					42.0	.52					52.4	.75
63					41.3	.47					51.6	.75
62					40.7	.50					50.8	.73
61					40.0	.50					50.1	.74
60					39.4	.48					49.3	.72
59					38.8	.51					48.5	.72
58					38.1	.47					47.7	.70
57					37.5	.48					46.9	.70
56					36.8	.47					46.1	.68
55					36.2	.47					45.3	.67
54					35.6	.48					44.5	.67
53					34.9	.45					43.7	.67
52					34.3	.47					42.9	.67
51					33.7	.50					42.1	.63
50					33.0	.45					41.3	.63
49					32.4	.46					40.5	.61
48					31.7	.45			44.1	.57	39.7	.61
47					31.1	.47			43.1	.58	39.0	.61
46					30.5	.47			42.2	.58	38.2	.58
45			40.8	.56	29.8	.45			41.3	.57	37.4	.58
44			39.8	.57	29.2	.45			40.4	.57	36.6	.55
43			38.8	.57	28.5	.43			39.4	.57	35.8	.55
42	43.1	.43	37.9	.59	27.9	.47			38.5	.57	35.0	.53
41	41.9	.43	36.9	.57	27.3	.45			37.6	.57	34.2	.53
40	40.7	.46	35.9	.59	26.6	.43			36.7	.58	33.4	.54
39	39.6	.44	34.9	.59	26.0	.47			35.7	.56	32.6	.54
38	38.4	.44	33.9	.60	25.4	.46			34.8	.57	31.8	.54
37	37.2	.44	33.0	.63	24.7	.43			33.9	.57	31.0	.50
36	36.1	.46	32.0	.63	24.1	.43			33.0	.58	30.2	.49
35	34.9	.47	31.0	.66	23.4	.43			32.0	.56	29.4	.49
34	33.8	.45	30.0	.66	22.8	.44			31.1	.58	28.6	.49

TABLE 2113. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 3, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	32.6	.46	29.0	.67	22.2	.43			30.2	.58	27.9	.48
32	31.4	.49	28.1	.70	21.5	.43			29.3	.57	27.1	.48
31	30.3	.47	27.1	.70	20.9	.44			28.3	.57	26.3	.46
30	29.1	.47	26.1	.72	20.2	.41	43.5	.46	27.4	.57	25.5	.46
29	27.9	.52	25.1	.75	19.6	.44	42.1	.43	26.5	.58	24.7	.46
28	26.8	.50	24.1	.76	19.0	.43	40.7	.43	25.6	.58	23.9	.43
27	25.6	.49	23.2	.80	18.3	.41	39.2	.46	24.6	.58	23.1	.44
26	24.4	.51	22.2	.78	17.7	.45	37.8	.42	23.7	.57	22.3	.44
25	23.3	.53	21.2	.78	17.1	.45	36.4	.43	22.8	.59	21.5	.45
24	22.1	.55	20.2	.81	16.4	.43	34.9	.43	21.9	.59	20.7	.42
23	20.9	.54	19.2	82	15.8	.45	33.5	.40	20.9	.59	19.9	.42
22	19.8	.55	18.3	[illegible]	15.1	.41	32.1	.43	20.0	.59	19.1	.42
21	18.6	.56	17.3	.86	14.5	.43	30.6	.43	19.1	.60	18.3	.42
20	17.5	.58	16.3	.86	13.9	.42	29.2	.42	18.2	.61	17.6	.44
19	16.3	.58	15.3	.90	13.2	.41	27.8	.41	17.2	.60	16.8	.42
18	15.1	.60	14.3	.90	12.6	.43	26.3	.42	16.3	.61	16.0	.41
17	14.0	.59	13.4	.92	11.9	.40	24.9	.42	15.4	.61	15.2	.39
16	12.8	.61	12.4	.94	11.3	.43	23.5	.42	14.5	.64	14.4	.39
15	11.6	.64	11.4	.96	10.7	.43	22.0	.40	13.5	.61	13.6	.37
14	10.5	.62	10.4	.97	10.0	.41	20.6	.41	12.6	.63	12.8	.38
13	9.3	.65	9.4	.99	9.4	.43	19.2	.40	11.7	.61	12.0	.38
12	8.1	.66	8.5	.98	8.8	.43	17.7	.41	10.8	.66	11.2	.38
11	7.0	.66	7.5	1.01	8.1	.42	16.3	.41	9.8	.64	10.4	.39
10	5.8	.68	6.5	1.02	7.5	.43	14.9	.41	8.9	.65	9.6	.37
9	4.6	.70	5.5	1.05	6.8	.40	13.4	.41	8.0	.65	8.8	.38
8	3.5	.69	4.5	1.06	6.2	.42	12.0	.43	7.1	.68	8.0	.38
7	2.3	.72	3.6	1.08	5.6	.43	10.6	.41	6.1	.66	7.2	.38
6	1.2	.70	2.6	1.10	4.9	.42	9.1	.42	5.2	.66	6.5	.39
5	.0	.74	1.6	1.11	4.3	.43	7.7	.42	4.3	.68	5.7	.40
4	- 1.2	.77	.6	1.12	3.6	.40	6.3	.43	3.4	.68	4.9	.40
3	- 2.3	.75	- .3	1.15	3.0	.43	4.8	.44	2.4	.68	4.1	.40
2	- 3.5	.76	- 1.3	1.19	2.4	.43	3.4	.43	1.5	.68	3.3	.40
1	- 4.7	.78	- 2.3	1.20	1.7	.40	2.0	.44	.6	.70	2.5	.39
0	- 5.8	.80	- 3.3	1.22	1.1	.43	.5	.44	- .3	.70	1.7	.38

TABLE 2114. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 3, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					45.4	.07						
73					45.4	.36						
72					45.2	.52						
71					44.6	.37						
70					44.0	.20						
69					43.4	.09						
68					42.8	.11						
67					42.2	.12						
66					41.7	.15						
65					41.1	.16						
64					40.6	.17					45.3	.05
63					40.1	.18					44.9	.16
62					39.6	.17					44.5	.21
61					39.1	.18					44.1	.23
60					38.6	.22					43.7	.26
59					38.1	.24					43.2	.30
58					37.6	.30					42.8	.30
57					37.1	.35					42.4	.28
56					36.6	.39					42.0	.26
55					36.0	.40					41.5	.26
54					35.4	.43					41.0	.25
53					34.8	.42					40.5	.29
52					34.3	.48					40.1	.31
51					33.7	.48					39.7	.33
50					33.1	.49					39.2	.36
49					32.6	.51					38.7	.41
48					32.0	.50			44.9	.08	38.3	.42
47					31.4	.49			43.8	.10	37.8	.41
46					30.8	.49			42.7	.13	37.3	.44
45			44.8	.07	30.2	.51			41.6	.17	36.8	.47
44			43.3	.21	29.6	.53			40.5	.17	36.3	.45
43			42.0	.20	29.1	.57			39.5	.22	35.7	.45
42	44.5	.04	40.6	.26	28.4	.56			38.5	.28	35.2	.44
41	42.7	.11	39.2	.36	27.8	.58			37.5	.36	34.6	.45
40	41.4	.17	37.9	.46	27.1	.60			36.5	.44	34.0	.48
39	40.3	.20	36.3	.54	26.5	.60			35.6	.55	33.4	.50
38	39.1	.21	34.7	.65	25.9	.59			34.6	.61	32.8	.50
37	38.0	.26	33.1	.73	25.3	.61			33.7	.64	32.1	.52
36	36.[illegible]	.33	31.6	.80	24.7	.59			32.7	.65	31.4	.53
35	35.7	.39	30.2	.90	24.2	.62			31.7	.70	30.7	.56
34	34.5	.42	28.8	.98	23.6	.64			30.8	.70	30.0	.52

TABLE 2114. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

PROCEDURE 3, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	33.2	.46	27.6	.98	22.9	.64			29.9	.72	29.2	.55
32	31.8	.47	26.4	.98	22.3	.64			29.1	.71	28.4	.57
31	30.4	.54	25.3	.96	21.6	.62			28.2	.73	27.6	.58
30	29.1	.52	24.3	.99	20.9	.61	44.5	.11	27.4	.72	26.8	.54
29	27.7	.56	23.4	1.03	20.2	.63	42.7	.19	26.5	.72	25.9	.52
28	26.4	.61	22.4	1.02	19.5	.63	41.0	.13	25.7	.75	25.2	.52
27	25.0	.66	21.6	1.06	18.8	.64	39.5	.20	24.9	.76	24.4	.52
26	23.7	.69	20.7	1.05	18.0	.61	37.9	.24	24.0	.78	23.5	.50
25	22.4	.78	19.9	1.03	17.2	.58	36.4	.33	23.2	.84	22.6	.52
24	21.1	.85	19.1	1.00	16.4	.55	34.8	.45	22.2	.83	21.7	.54
23	19.8	.84	18.3	.97	15.7	.51	33.3	.48	21.3	.85	20.7	.52
22	18.6	.85	17.5	.91	14.9	.43	31.8	.48	20.3	.83	19.7	.54
21	17.4	.81	16.8	[illegible]	14.1	.36	30.3	.50	19.3	.84	18.6	.49
20	16.3	.75	16.1	.86	13.3	.30	28.8	.56	18.3	.81	17.4	.44
19	15.4	.65	15.5	.81	12.6	.29	27.6	.54	17.3	.78	16.3	.44
18	14.6	.55	14.9	.76	11.8	.23	26.3	.52	16.3	.72	15.3	.43
17	13.7	.48	14.2	.70	11.1	.22	25.1	.51	15.4	.64	14.3	.41
16	12.9	.44	13.5	.63	10.4	.23	23.8	.50	14.4	.55	13.2	.31
15	12.2	.36	12.7	.62	9.6	.22	22.4	.57	13.3	.49	12.3	.30
14	11.4	.31	12.0	.56	8.9	.23	20.9	.55	12.4	.43	11.4	.25
13	10.7	.27	11.1	.51	8.3	.23	19.4	.55	11.5	.36	10.5	.23
12	9.9	.28	10.3	.43	7.6	.23	17.8	.51	10.6	.35	9.6	.22
11	9.2	.24	9.5	.47	7.1	.27	16.2	.48	9.6	.36	8.9	.26
10	8.4	.27	8.6	.45	6.6	.30	14.8	.43	8.8	.27	8.2	.30
9	7.5	.27	7.6	.49	6.1	.30	13.3	.33	7.8	.29	7.3	.36
8	6.7	.25	6.7	.60	5.6	.35	11.9	.31	6.9	.27	6.6	.43
7	5.9	.27	5.8	.67	4.9	.36	10.5	.26	6.0	.34	6.0	.50
6	5.1	.30	4.8	.60	4.2	.39	9.2	.27	4.9	.37	5.3	.58
5	4.2	.37	3.9	.54	3.5	.42	7.8	.24	3.7	.42	4.2	.76
4	3.4	.51	2.9	.54	2.8	.43	6.4	.33	2.5	.56	3.2	1.13
3	2.5	.61	1.9	.53	2.0	.45	4.9	.31	1.3	.72	2.1	1.03
2	1.6	.76	1.0	.62	1.3	.47	3.3	.30	.1	.90	1.1	.62
1	.8	.40	.0	.30	.6	.22	1.8	.48	.0	.43	.0	.32
0	.0	.00	.0	.00	.0	.00	.3	.14	.0	.00	.0	.00

TABLE 2115. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					48.5	.40						
73					47.9	.41						
72					47.2	.37						
71					46.6	.37						
70					45.9	.36						
69					45.3	.37						
68					44.6	.34						
67					44.0	.33						
66					43.4	.33						
65					42.7	.31						
64					42.1	.31					52.1	.47
63					41.4	.29					51.3	.48
62					40.8	.29					50.5	.45
61					40.2	.29					49.8	.48
60					39.5	.28					49.0	.45
59					38.9	.26					48.2	.44
58					38.3	.27					47.4	.44
57					37.6	.23					46.6	.43
56					37.0	.26					45.9	.42
55					36.3	.22					45.1	.39
54					35.7	.23					44.3	.39
53					35.1	.24					43.5	.38
52					34.4	.20					42.7	.37
51					33.8	.21					41.9	.35
50					33.2	.21					41.1	.34
49					32.5	.19					40.3	.32
48					31.9	.19			44.0	.29	39.5	.31
47					31.3	.20			43.0	.27	38.7	.30
46					30.6	.19			42.1	.25	38.0	.30
45			40.6	.31	30.0	.17			41.2	.25	37.2	.30
44			39.7	.32	29.4	.15			40.3	.26	36.4	.28
43			38.7	.29	28.7	.15			39.4	.25	35.6	.28
42	43.6	.26	37.7	.29	28.1	.15			38.4	.24	34.8	.27
41	42.4	.26	36.7	.29	27.4	.13			37.5	.23	34.0	.24
40	41.3	.24	35.8	.29	26.8	.14			36.6	.23	33.2	.24
39	40.1	.22	34.8	.28	26.1	.14			35.7	.24	32.4	.24
38	39.0	.21	33.8	.25	25.5	.13			34.7	.19	31.6	.24
37	37.8	.22	32.8	.26	24.9	.13			33.8	.20	30.8	.22
36	36.7	.21	31.8	.24	24.2	.13			32.9	.19	30.1	.20
35	35.5	.19	30.8	.21	23.6	.12			31.9	.20	29.3	.20
34	34.4	.21	29.9	.21	22.9	.15			31.0	.20	28.5	.18

TABLE 2115. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE, FORM F, READING (COMPREHENSION) SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	33.2	.18	28.9	.21	22.3	.13			30.1	.17	27.7	.18
32	32.1	.19	27.9	.19	21.7	.12			29.1	.19	26.9	.20
31	30.9	.18	26.9	.20	21.0	.14			28.2	.19	26.2	.20
30	29.7	.16	25.9	.19	20.4	.13	44.1	.19	27.3	.17	25.4	.17
29	28.6	.16	25.0	.17	19.7	.16	42.6	.18	26.4	.17	24.6	.17
28	27.4	.15	24.0	.17	19.1	.13	41.2	.17	25.4	.16	23.8	.18
27	26.3	.16	23.0	.18	18.5	.11	39.8	.17	24.5	.17	23.0	.18
26	25.1	.16	22.0	.17	17.8	.15	38.3	.17	23.6	.18	22.2	.17
25	24.0	.13	21.1	.15	17.2	.12	36.9	.16	22.7	.14	21.4	.16
24	22.8	.15	20.1	.15	16.5	.19	35.5	.14	21.8	.17	20.6	.13
23	21.7	.16	19.1	.17	15.9	.15	34.0	.14	20.8	.18	19.8	.16
22	20.5	.18	18.1	.16	15.3	.13	32.6	.14	19.9	.16	19.0	.18
21	19.4	.17	17.2	.15	14.6	.17	31.1	.17	19.0	.17	18.3	.16
20	18.2	.19	16.2	.17	14.0	.15	29.7	.12	18.1	.15	17.5	.17
19	17.0	.23	15.2	.18	13.4	.15	28.3	.11	17.1	.19	16.7	.17
18	15.9	.21	14.2	.17	12.7	.17	26.8	.16	16.2	.17	15.9	.17
17	14.7	.23	13.2	.19	12.1	.16	25.4	.12	15.3	.17	15.1	.17
16	13.5	.27	12.3	.19	11.4	.22	24.0	.12	14.3	.19	14.4	.15
15	12.4	.27	11.3	.19	10.8	.19	22.5	.14	13.4	.16	13.6	.17
14	11.2	.31	10.3	.21	10.2	.16	21.1	.15	12.5	.16	12.8	.17
13	10.1	.27	9.3	.23	9.5	.22	19.7	.12	11.6	.18	12.0	.17
12	8.9	.31	8.3	.25	8.9	.20	18.2	.18	10.6	.21	11.2	.17
11	7.8	.31	7.3	.26	8.3	.18	16.8	.15	9.7	.20	10.4	.20
10	6.6	.33	6.3	.28	7.6	.23	15.4	.13	8.8	.19	9.6	.21
9	5.5	.31	5.4	.26	7.0	.22	13.9	.18	7.8	.24	8.8	.21
8	4.3	.37	4.4	.27	6.4	.18	12.5	.17	6.9	.21	8.0	.21
7	3.2	.37	3.4	.27	5.7	.24	11.1	.15	6.0	.21	7.2	.23
6	2.0	.40	2.4	.31	5.1	.22	9.6	.20	5.1	.21	6.5	.23
5	.8	.44	1.5	.28	4.4	.29	8.2	.20	4.1	.26	5.7	.23
4	- .3	.42	.5	.32	3.8	.27	6.8	.17	3.2	.27	4.9	.25
3	- 1.5	.44	- .5	.34	3.2	.23	5.3	.24	2.3	.23	4.1	.25
2	- 2.6	.45	- 1.5	.37	2.5	.29	3.9	.24	1.4	.23	3.3	.27
1	- 3.8	.46	- 2.4	.35	1.9	.28	2.5	.21	.5	.24	2.5	.27
0	- 4.9	.46	- 3.4	.35	1.2	.31	1.0	.28	- .5	.26	1.7	.31

TABLE 2116. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
74					45.4	.18						
73					45.2	.15						
72					44.9	.12						
71					44.4	.17						
70					44.0	.12						
69					43.4	.07						
68					42.9	.09						
67					42.4	.12						
66					41.9	.15						
65					41.3	.12						
64					40.8	.12					45.3	.15
63					40.3	.11					44.9	.16
62					39.8	.12					44.5	.18
61					39.3	.09					44.1	.22
60					38.8	.11					43.7	.22
59					38.3	.11					43.3	.22
58					37.8	.14					42.9	.20
57					37.3	.16					42.4	.23
56					36.8	.17					41.9	.21
55					36.2	.18					41.5	.16
54					35.7	.22					40.9	.16
53					35.1	.21					40.4	.15
52					34.5	.20					40.0	.13
51					33.9	.22					39.6	.16
50					33.3	.22					39.2	.20
49					32.7	.22					38.7	.21
48					32.2	.25			45.0	.15	38.2	.18
47					31.6	.21			43.8	.11	37.8	.24
46					31.0	.21			42.9	.12	37.3	.22
45			44.8	.17	30.4	.21			41.7	.09	36.8	.22
44			43.5	.19	29.8	.20			40.6	.09	36.3	.22
43			42.1	.12	29.2	.22			39.5	.14	35.7	.18
42	44.6	.12	40.6	.09	28.5	.25			38.6	.15	35.2	.17
41	43.0	.12	39.2	.10	27.9	.24			37.6	.19	34.5	.17
40	41.8	.16	37.8	.11	27.2	.27			36.6	.20	33.9	.15
39	40.5	.19	36.3	.13	26.6	.24			35.6	.26	33.2	.16
38	39.5	.16	34.8	.21	26.0	.24			34.6	.29	32.6	.17
37	38.5	.16	33.1	.16	25.4	.20			33.6	.28	32.0	.18
36	37.4	.17	31.5	.15	24.8	.16			32.6	.29	31.3	.19
35	36.3	.21	30.0	.20	24.2	.19			31.6	.29	30.6	.20
34	35.1	.21	28.6	.21	23.6	.17			30.7	.30	29.8	.20

TABLE 2116. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE COMPREHENSION SUBTESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, READING (COMPREHENSION) SUBTEST

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A COMPREHENSION		CTBS (68 ED.) LEVEL 2 FORM Q COMPREHENSION		ITBS (71 ED.) LEVEL 11 FORM 5 COMPREHENSION		STEP-II (69 ED.) LEVEL 4 FORM A PART 2 (COMPR.)		SRA (71 ED.) BLUE FORM E READING (COMPR.)		SAT (64 ED.) INTERMEDIATE II FORM W PARAGRAPH MEANING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
33	33.8	.19	27.4	.25	22.9	.17			29.8	.26	29.0	.18
32	32.5	.21	26.2	.26	22.3	.14			28.9	.27	28.2	.20
31	31.2	.20	25.1	.26	21.7	.15			28.0	.27	27.4	.23
30	29.8	.18	24.1	.29	21.0	.17	44.6	.16	27.2	.25	26.6	.25
29	28.4	.17	23.1	.30	20.3	.21	42.9	.16	26.3	.24	25.8	.24
28	27.1	.16	22.2	.28	19.7	.20	41.3	.12	25.5	.22	24.9	.24
27	25.8	.16	21.3	.29	19.0	.20	39.8	.09	24.6	.21	24.1	.22
26	24.5	.21	20.5	.26	18.2	.20	38.4	.11	23.8	.21	23.2	.17
25	23.2	.22	19.7	.25	17.5	.17	36.9	.15	22.9	.19	22.4	.19
24	22.0	.20	18.9	.27	16.7	.15	35.5	.21	22.0	.14	21.5	.19
23	20.7	.27	18.2	.24	15.9	.15	34.0	.22	21.1	.19	20.5	.20
22	19.6	.30	17.5	.24	15.1	.10	32.4	.20	20.2	.21	19.5	.24
21	18.3	.34	16.8	.24	14.2	.15	30.9	.21	19.2	.19	18.5	.24
20	17.2	.36	16.1	.22	13.5	.05	29.6	.14	18.2	.21	17.3	.21
19	16.3	.30	15.5	.20	12.7	.10	28.2	.12	17.2	.22	16.3	.21
18	15.3	.28	14.8	.16	12.0	.10	26.9	.09	16.3	.22	15.2	.20
17	14.4	.27	14.1	.18	11.2	.21	25.6	.14	15.3	.26	14.2	.18
16	13.5	.24	13.4	.16	10.5	.23	24.3	.15	14.3	.24	13.2	.17
15	12.7	.25	12.6	.17	9.8	.27	22.8	.22	13.4	.21	12.3	.18
14	11.9	.26	11.9	.13	9.1	.30	21.4	.19	12.4	.22	11.4	.15
13	11.2	.23	11.1	.15	8.4	.31	19.9	.18	11.5	.24	10.6	.18
12	10.4	.19	10.3	.16	7.7	.37	18.4	.19	10.6	.22	9.7	.20
11	9.7	.21	9.4	.20	7.2	.41	16.8	.19	9.7	.21	9.0	.21
10	8.7	.24	8.5	.19	6.6	.48	15.2	.17	8.8	.17	8.1	.27
9	7.9	.20	7.6	.20	6.2	.54	13.7	.21	7.8	.20	7.4	.32
8	7.0	.23	6.6	.21	5.7	.66	12.2	.21	6.9	.24	6.7	.34
7	6.2	.26	5.7	.30	4.9	.68	10.8	.18	6.0	.28	6.1	.36
6	5.4	.21	4.8	.40	4.2	.78	9.5	.15	4.9	.29	5.4	.47
5	4.4	.29	3.9	.52	3.4	.78	8.0	.12	3.6	.36	4.2	.44
4	3.4	.48	3.0	.67	2.6	.74	6.5	.11	2.2	.53	3.0	.40
3	2.4	.71	2.1	.82	1.8	.62	4.9	.26	.9	.70	1.8	.42
2	1.5	.80	1.3	.95	1.1	.47	3.4	.72	.1	.57	.6	.51
1	.5	.32	.4	.28	.3	.24	1.8	.55	.0	.06	.0	.32
0	.0	.00	.0	.00	.0	.00	.3	.10	.0	.00	.0	.00

TABLE 2117. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 1, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					98.7	.56						
116					97.9	.56						
115					97.1	.55						
114					96.3	.55						
113					95.5	.55						
112					94.7	.55					112.8	1.11
111					93.9	.55					111.9	1.09
110					93.1	.55					110.9	1.05
109					92.3	.54					110.0	1.06
108					91.5	.52					109.0	1.03
107					90.7	.50					108.1	1.04
106					89.9	.49					107.1	1.02
105					89.1	.49					106.2	1.00
104					88.3	.49					105.3	.99
103					87.5	.49					104.3	.97
102					86.7	.48					103.4	.94
101					85.9	.48					102.4	.91
100					85.1	.46					101.5	.95
99					84.3	.46					100.6	.91
98					83.5	.46					99.6	.90
97					82.7	.48					98.7	.90
96					81.9	.45					97.7	.85
95					81.1	.44					96.8	.85
94					80.3	.44					95.8	.83
93					79.4	.43					94.9	.83
92					78.6	.43					94.0	.83
91					77.8	.41					93.0	.79
90					77.0	.41			87.4	.46	92.1	.78
89					76.2	.41			86.4	.46	91.1	.77
88					75.4	.41			85.4	.44	90.2	.74
87					74.6	.41			84.5	.46	89.3	.75
86					73.8	.40			83.5	.42	88.3	.75
85			86.0	.83	73.0	.40			82.6	.43	87.4	.72
84			84.8	.80	72.2	.40			81.6	.42	86.4	.71
83			83.7	.80	71.4	.38			80.7	.42	85.5	.69
82	90.1	.61	82.6	.76	70.6	.38			79.7	.43	84.5	.67
81	88.9	.60	81.5	.76	69.8	.38			78.8	.42	83.6	.68
80	87.7	.58	80.4	.75	69.0	.38			77.8	.39	82.7	.66
79	86.5	.58	79.2	.73	68.2	.38			76.8	.40	81.7	.66
78	85.3	.56	78.1	.71	67.4	.39			75.9	.40	80.8	.66
77	84.1	.52	77.0	.71	66.6	.38			74.9	.41	79.8	.63

TABLE 2117. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 1, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	82.9	.52	75.9	.68	65.8	.38			74.0	.40	78.9	.62
75	81.7	.49	74.8	.68	65.0	.36			73.0	.38	78.0	.61
74	80.5	.50	73.6	.66	64.2	.35			72.1	.41	77.0	.59
73	79.3	.48	72.5	.66	63.4	.35			71.1	.39	76.1	.59
72	78.1	.47	71.4	.65	62.6	.35			70.2	.41	75.1	.59
71	76.9	.46	70.3	.62	61.8	.35			69.2	.39	74.2	.58
70	75.7	.42	69.2	.61	61.0	.35			68.3	.38	73.2	.57
69	74.5	.41	68.0	.60	60.2	.35			67.3	.41	72.3	.57
68	73.3	.40	66.9	.60	59.4	.35			66.3	.39	71.4	.55
67	72.1	.42	65.8	.61	58.6	.35			65.4	.43	70.4	.55
66	71.0	.42	64.7	.57	57.8	.33			64.4	.40	69.5	.54
65	69.8	.41	63.6	.57	57.0	.34			63.5	.40	68.5	.55
64	68.6	.41	62.5	.57	56.1	.39			62.5	.44	67.6	.52
63	67.4	.37	61.3	.56	55.3	.39			61.6	.40	66.7	.54
62	66.2	.38	60.2	.55	54.5	.39			60.6	.44	65.7	.53
61	65.0	.38	59.1	.53	53.7	.39			59.7	.45	64.8	.51
60	63.8	.39	58.0	.52	52.9	.39	91.7	.55	58.7	.41	63.8	.52
59	62.6	.39	56.9	.53	52.1	.37	90.1	.54	57.8	.45	62.9	.52
58	61.4	.40	55.7	.54	51.3	.39	88.5	.54	56.8	.44	61.9	.51
57	60.2	.40	54.6	.54	50.5	.39	86.8	.50	55.8	.46	61.0	.52
56	59.0	.38	53.5	.51	49.7	.39	85.2	.50	54.9	.46	60.1	.50
55	57.8	.39	52.4	.52	48.9	.39	83.5	.47	53.9	.49	59.1	.52
54	56.6	.39	51.3	.52	48.1	.37	81.9	.47	53.0	.47	58.2	.52
53	55.4	.42	50.1	.52	47.3	.37	80.3	.46	52.0	.47	57.2	.50
52	54.2	.42	49.0	.52	46.5	.40	78.6	.44	51.1	.50	56.3	.53
51	53.0	.44	47.9	.53	45.7	.40	77.0	.44	50.1	.49	55.4	.53
50	51.8	.45	46.8	.53	44.9	.40	75.3	.43	49.2	.50	54.4	.52
49	50.6	.44	45.7	.55	44.1	.40	73.7	.42	48.2	.52	53.5	.54
48	49.4	.46	44.5	.57	43.3	.40	72.1	.43	47.3	.51	52.5	.53
47	48.2	.46	43.4	.57	42.5	.39	70.4	.40	46.3	.54	51.6	.52
46	47.0	.50	42.3	.53	41.7	.39	68.8	.41	45.3	.56	50.6	.55
45	45.8	.50	41.2	.54	40.9	.42	67.1	.41	44.4	.56	49.7	.54
44	44.6	.52	40.1	.54	40.1	.42	65.5	.42	43.4	.56	48.8	.57
43	43.4	.55	38.9	.57	39.3	.42	63.8	.43	42.5	.58	47.8	.57
42	42.2	.54	37.8	.58	38.5	.42	62.2	.44	41.5	.60	46.9	.56
41	41.0	.56	36.7	.58	37.7	.42	60.6	.44	40.6	.58	45.9	.59
40	39.9	.53	35.6	.61	36.9	.42	58.9	.48	39.6	.61	45.0	.60
39	38.7	.57	34.5	.61	36.1	.45	57.3	.46	38.7	.60	44.1	.59
38	37.5	.59	33.3	.64	35.3	.45	55.6	.50	37.7	.62	43.1	.60
37	36.3	.59	32.2	.62	34.5	.45	54.0	.51	36.8	.62	42.2	.60
36	35.1	.63	31.1	.64	33.7	.45	52.4	.52	35.8	.65	41.2	.63

TABLE 2117. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 1, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	33.9	.62	30.0	.65	32.8	.50	50.7	.56	34.8	.66	40.3	.63
34	32.7	.65	28.9	.67	32.0	.50	49.1	.55	33.9	.67	39.3	.63
33	31.5	.68	27.7	.69	31.2	.51	47.4	.60	32.9	.70	38.4	.66
32	30.3	.69	26.6	.71	30.4	.52	45.8	.60	32.0	.69	37.5	.67
31	29.1	.72	25.5	.71	29.6	.52	44.2	.61	31.0	.72	36.5	.66
30	27.9	.72	24.4	.74	28.8	.52	42.5	.62	30.1	.70	35.6	.68
29	26.7	.75	23.3	.72	28.0	.52	40.9	.62	29.1	.74	34.6	.70
28	25.5	.78	22.1	.77	27.2	.52	39.2	.68	28.2	.73	33.7	.71
27	24.3	.78	21.0	.75	26.4	.52	37.6	.69	27.2	.74	32.8	.71
26	23.1	.81	19.9	.76	25.6	.55	36.0	.69	26.3	.76	31.8	.73
25	21.9	.82	18.8	.78	24.8	.55	34.3	.75	25.3	.77	30.9	.76
24	20.7	.86	17.7	.80	24.0	.55	32.7	.76	24.3	.79	29.9	.77
23	19.5	.90	16.5	.83	23.2	.57	31.0	.82	23.4	.81	29.0	.76
22	18.3	.90	15.4	.85	22.4	.57	29.4	.80	22.4	.81	28.0	.80
21	17.1	.93	14.3	.85	21.6	.57	27.7	.86	21.5	.81	27.1	.80
20	15.9	.93	13.2	.89	20.8	.59	26.1	.86	20.5	.85	26.2	.82
19	14.7	.96	12.1	.89	20.0	.59	24.5	.86	19.6	.83	25.2	.82
18	13.5	.96	10.9	.94	19.2	.59	22.8	.92	18.6	.85	24.3	.82
17	12.3	1.00	9.8	.94	18.4	.60	21.2	.93	17.7	.85	23.3	.87
16	11.1	1.03	8.7	.94	17.6	.60	19.5	.98	16.7	.90	22.4	.88
15	9.9	1.03	7.6	.97	16.8	.61	17.9	1.00	15.7	.90	21.5	.87
14	8.7	1.07	6.5	.98	16.0	.64	16.3	1.01	14.8	.90	20.5	.90
13	7.6	1.03	5.3	1.03	15.2	.64	14.6	1.05	13.8	.94	19.6	.91
12	6.4	1.06	4.2	1.01	14.4	.63	13.0	1.06	12.9	.90	18.6	.93
11	5.2	1.09	3.1	1.03	13.6	.63	11.3	1.13	11.9	.96	17.7	.96
10	4.0	1.11	2.0	1.04	12.8	.63	9.7	1.12	11.0	.96	16.7	.96
9	2.8	1.14	.9	1.07	12.0	.63	8.1	1.11	10.0	.96	15.8	.96
8	1.6	1.14	- .3	1.09	11.2	.63	6.4	1.17	9.1	.96	14.9	.98
7	.4	1.17	- 1.4	1.11	10.3	.72	4.8	1.19	8.1	1.02	13.9	1.01
6	- .8	1.20	- 2.5	1.10	9.5	.74	3.1	1.22	7.2	.98	13.0	1.00
5	- 2.0	1.20	- 3.6	1.14	8.7	.74	1.5	1.23	6.2	1.02	12.0	1.03
4	- 3.2	1.24	- 4.7	1.15	7.9	.74	- .1	1.24	5.2	1.06	11.1	1.05
3	- 4.4	1.25	- 5.8	1.19	7.1	.74	- 1.8	1.29	4.3	1.03	10.2	1.09
2	- 5.6	1.28	- 7.0	1.20	6.3	.74	- 3.4	1.30	3.3	1.07	9.2	1.06
1	- 6.8	1.32	- 8.1	1.22	5.5	.77	- 5.1	1.37	2.4	1.06	8.3	1.08
0	- 8.0	1.32	- 9.2	1.23	4.7	.77	- 6.7	1.37	1.4	1.09	7.3	1.12

TABLE 211B. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 1, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					95.4	.00						
116					95.4	.21						
115					95.4	.47						
114					95.1	.74						
113					94.2	.67						
112					93.3	.52					95.4	.11
111					92.4	.48					95.4	.27
110					91.5	.54					95.2	.37
109					90.6	.60					94.7	.41
108					89.8	.51					94.2	.46
107					89.1	.35					93.7	.46
106					88.4	.29					93.1	.49
105					87.7	.35					92.6	.51
104					87.1	.39					92.1	.56
103					86.6	.40					91.6	.50
102					86.0	.40					91.1	.43
101					85.5	37					90.7	.41
100					84.9	.37					90.4	.35
99					84.2	.46					90.0	.34
98					83.4	.52					89.7	.37
97					82.6	.54					89.3	.45
96					81.7	.53					88.8	.48
95					80.8	.54					88.3	.48
94					79.9	.55					87.9	.48
93					79.0	.53					87.4	.45
92					78.1	.51					86.9	.45
91					77.2	.52					86.4	.46
90					76.3	.51			94.7	.45	85.9	.48
89					75.4	.53			93.0	.38	85.4	.53
88					74.7	.55			91.3	.38	84.8	.53
87					73.9	.52			89.8	.32	84.2	.54
86					73.1	.52			88.3	.25	83.6	.56
85			94.7	.43	72.4	.44			86.9	.20	83.0	.57
84			93.2	.42	71.6	.41			85.5	.29	82.3	.60
83			91.6	.41	70.8	.40			83.8	.24	81.7	.59
82	94.5	.48	89.7	.46	70.0	.39			82.3	.22	81.1	.61
81	92.4	.51	88.1	.32	69.2	42			80.8	.27	80.4	.61
80	90.6	.51	86.4	.32	68.4	.45			79.3	.34	79.8	.65
79	89.1	.34	84.8	.25	67.7	.42			77.9	.36	79.2	.64
78	87.6	.32	82.9	.34	66.9	.45			76.6	.46	78.6	.61
77	85.3	.34	81.1	.37	66.2	42			75.2	.48	78.0	.62

TABLE 2118. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 1, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	85.0	.31	79.3	.41	65.5	.43			73.9	.45	77.4	.61
75	83.5	.36	77.6	.52	64.7	.41			72.5	.37	76.8	.65
74	82.1	.32	75.8	.61	63.9	.38			71.3	.33	76.2	.64
73	80.7	.29	74.0	.63	63.2	.31			70.1	.34	75.6	.64
72	79.2	.32	72.2	.59	62.4	.30			68.9	.40	75.0	.65
71	77.9	.36	70.4	.50	61.7	.28			67.8	.44	74.3	.57
70	76.5	.47	68.7	.45	61.0	.28			66.8	.45	73.7	.53
69	75.1	.58	67.1	.49	60.3	.29			65.7	.47	73.0	.47
68	73.7	.52	65.5	.54	59.6	.29			64.6	.49	72.4	.46
67	72.3	.48	64.0	.59	58.9	.30			63.5	.55	71.7	.40
66	70.9	.44	62.5	.61	58.2	.29			62.4	.62	70.9	.33
65	69.6	.41	61.1	.6[illegible]	57.5	.29			61.6	.56	70.1	.29
64	68.3	.42	59.8	.52	56.8	.31			60.7	.57	69.3	.31
63	67.1	.40	58.5	.63	56.2	.28			59.8	.57	68.5	.38
62	65.9	.39	57.3	.61	55.5	.30			58.9	.52	67.7	.38
61	64.7	.39	56.1	.57	54.9	.30			58.1	.45	66.9	.42
60	63.4	.41	55.1	.56	54.2	.36	94.6	.48	57.2	.39	66.1	.40
59	62.1	.40	54.0	.54	53.5	.42	92.8	.48	56.3	.37	65.3	.41
58	60.8	.42	52.9	.57	52.8	.48	91.0	.55	55.5	.33	64.6	.39
57	59.5	.43	51.7	.58	52.1	.52	89.1	.36	54.7	.32	63.8	.36
56	58.0	.37	50.6	.61	51.4	.52	87.3	.23	53.9	.28	63.0	.37
55	56.6	.32	49.5	.61	50.7	.55	85.7	.18	53.0	.28	62.2	.38
54	55.4	.33	48.4	.61	50.0	.52	83.6	.35	52.2	.36	61.3	.43
53	54.2	.35	47.3	.59	49.3	.51	81.7	.39	51.3	.37	60.4	.51
52	53.1	.37	46.2	.57	48.6	.49	79.9	.42	50.5	.41	59.5	.60
51	52.0	.38	45.1	.52	47.8	.47	78.0	.46	49.6	.46	58.6	.59
50	50.9	.37	44.1	.52	47.0	.45	76.2	.48	48.8	.52	57.7	.57
49	49.7	.47	43.1	.56	46.3	.43	74.3	.46	47.9	.52	56.8	.53
48	48.5	.55	42.1	.64	45.5	.39	72.4	.45	47.0	.53	55.8	.47
47	47.2	.54	41.2	.77	44.6	.37	70.4	.44	46.1	.55	54.8	.45
46	45.9	.55	40.3	.84	43.7	.37	68.5	.49	45.1	.56	53.8	.47
45	44.6	.61	39.3	.91	42.9	.41	66.6	.52	44.3	.62	52.6	.53
44	43.3	.67	38.5	.92	42.0	.47	64.8	.54	43.5	.65	51.5	.54
43	42.0	.79	37.6	.91	41.1	.57	63.1	.56	42.7	.68	50.4	.58
42	40.9	.87	36.8	.84	40.1	.64	61.4	.62	41.8	.72	49.3	.56
41	39.9	.93	36.0	.80	39.2	.73	59.7	.63	41.0	.79	48.2	.56
40	38.8	1.03	35.2	.72	38.2	.70	58.1	.58	40.1	.83	47.1	.57
39	37.7	1.06	34.3	.68	37.1	.69	56.5	.54	39.2	.91	46.0	.56
38	36.7	.98	33.5	.64	36.0	.69	55.0	.49	38.3	.94	44.8	.56
37	35.6	.97	32.6	.60	34.9	.70	53.4	.45	37.5	.89	43.6	.61
36	34.6	.86	31.8	.56	33.8	.70	51.7	.49	36.6	.87	42.3	.71

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 1, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	33.5	.84	31.0	.54	32.7	.69	50.1	.47	35.7	.82	41.0	.79
34	32.5	.79	30.2	.53	31.6	.69	48.4	.46	34.8	.77	39.7	.93
33	31.4	.81	29.5	.51	30.5	.61	46.7	.41	33.8	.72	38.3	.97
32	30.5	.75	28.7	.53	29.4	.51	45.0	.38	32.9	.66	36.9	.96
31	29.7	.66	28.0	.51	28.2	.41	43.3	.45	31.9	.63	35.5	.96
30	28.8	.65	27.3	.43	27.1	.30	41.6	.58	30.9	.60	34.1	.91
29	28.0	.62	26.5	.37	26.0	.30	40.0	.77	30.0	.59	32.7	.82
28	27.2	.59	25.7	.28	25.0	.43	38.4	.87	29.0	.56	31.2	.73
27	26.3	.60	25.0	.21	23.9	.53	36.9	.93	28.1	.55	30.0	.69
26	25.5	.54	24.2	.18	23.0	.56	35.3	.99	27.1	.55	28.8	.67
25	24.6	.55	23.5	.22	22.3	.65	33.9	.97	26.2	.46	27.6	.61
24	23.8	.52	22.7	.31	21.6	.75	32.5	.91	25.2	.41	26.5	.57
23	23.0	.51	21.9	[illegible]	20.9	.79	31.1	.85	24.3	.37	25.4	.52
22	22.1	.50	21.1	.41	20.2	.84	29.9	.83	23.3	.37	24.3	.50
21	21.2	.48	20.2	.45	19.5	.88	28.8	.80	22.3	.45	23.2	.47
20	20.3	.46	19.2	.51	18.6	.94	27.6	.83	21.2	.47	22.2	.51
19	19.4	.48	18.2	.62	17.7	1.06	26.3	.80	20.2	.51	21.2	.62
18	18.1	.44	17.2	.74	16.9	1.13	25.0	.70	19.1	.63	20.3	.76
17	16.7	.54	16.1	.87	16.1	1.22	23.7	.62	17.9	.80	19.3	.83
16	15.0	.73	14.7	1.04	15.5	1.29	22.3	.67	16.7	.83	18.2	.88
15	13.3	.84	13.4	1.23	14.8	1.55	21.0	.70	15.5	.88	17.1	.88
14	11.7	.79	12.2	1.81	14.2	1.88	19.5	.82	14.2	1.01	16.0	.95
13	10.1	.75	11.0	2.52	12.9	2.28	17.4	1.05	12.8	1.03	14.8	1.06
12	8.5	.73	9.8	3.24	11.3	2.28	15.3	1.43	11.2	.98	13.6	1.26
11	6.8	.73	8.6	3.99	9.7	2.26	13.3	1.72	9.6	.91	12.4	1.31
10	5.2	.72	7.4	4.31	8.2	2.27	11.7	1.77	8.1	.87	11.2	1.37
9	3.6	.78	6.1	4.13	6.6	2.29	10.1	1.91	6.5	.82	9.9	1.45
8	1.9	.77	4.9	3.47	5.0	1.91	8.5	2.12	5.0	.82	8.7	1.62
7	.3	.16	3.7	2.62	3.4	1.42	6.8	2.36	3.4	.79	7.5	1.83
6	.0	.00	2.5	1.77	1.9	1.12	5.2	2.73	1.8	.77	6.3	2.03
5	.0	.00	1.3	.92	.3	.22	3.6	2.42	.3	.16	5.0	2.23
4	.0	.00	.1	.07	.0	.00	1.9	1.38	.0	.00	3.8	2.50
3	.0	.00	.0	.00	.0	.00	.3	.24	.0	.00	2.6	1.86
2	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	1.3	.94
1	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.1	.10
0	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00

TABLE 2119. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					98.9	.73						
116					98.1	.73						
115					97.3	.71						
114					96.5	.71						
113					95.7	.71						
112					94.9	.71					113.5	1.07
111					94.1	.67					112.5	1.06
110					93.3	.67					111.5	1.07
109					92.5	.67					110.6	1.04
108					91.7	.67					109.6	1.01
107					90.9	.65					108.7	.99
106					90.1	.65					107.7	.99
105					89.3	.61					106.7	.98
104					88.5	.61					105.8	.97
103					87.6	.57					104.8	.95
102					86.8	.57					103.9	[illegible]
101					86.0	.57					102.9	.90
100					85.2	.57					101.9	.91
99					84.4	.55					101.0	.89
98					83.6	.53					100.0	.86
97					82.8	.53					99.1	.84
96					82.0	.51					98.1	.81
95					81.2	.51					97.1	.85
94					80.4	.51					96.2	.80
93					79.6	.51					95.2	.80
92					78.8	.46					94.3	.75
91					78.0	.46					93.3	.78
90					77.2	.46			87.8	.52	92.3	.76
89					76.4	.46			86.8	.50	91.4	.73
88					75.6	.44			85.8	.51	90.4	.73
87					74.8	.44			84.9	.49	89.5	.70
86					74.0	.44			83.9	.47	88.5	.69
85			86.1	.47	73.2	.42			82.9	.49	87.5	.68
84			85.0	.47	72.4	.41			82.0	.47	86.6	.68
83			83.9	.47	71.6	.41			81.0	.47	85.6	.65
82	89.6	.61	82.8	.44	70.8	.41			80.0	.46	84.7	.62
81	88.4	.59	81.7	.44	70.0	.41			79.1	.43	83.7	.62
80	87.2	.58	80.6	.43	69.2	.39			78.1	.42	82.7	.61
79	86.0	.52	79.5	.38	68.3	.36			77.1	.42	81.8	.61
78	84.8	.52	78.4	.38	67.5	.35			76.2	.40	80.8	.57
77	83.6	.52	77.2	.37	66.7	.33			75.2	.38	79.9	.55

TABLE 2119. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	82.5	.49	76.1	.36	65.9	.33			74.2	.37	78.9	.55
75	81.3	.49	75.0	.36	65.1	.33			73.3	.37	77.9	.54
74	80.1	.46	73.9	.35	64.3	.35			72.3	.38	77.0	.52
73	78.9	.45	72.8	.33	63.5	.33			71.3	.37	76.0	.51
72	77.7	.45	71.7	.33	62.7	.32			70.4	.35	75.1	.49
71	76.5	.44	70.6	.32	61.9	.32			69.4	.34	74.1	.46
70	75.4	.43	69.5	.32	61.1	.32			68.4	.35	73.1	.48
69	74.2	.41	68.4	.32	60.3	.31			67.5	.31	72.2	.45
68	73.0	.40	67.2	.31	59.5	.31			66.5	.31	71.2	.45
67	71.8	.40	66.1	.31	58.7	.32			65.5	.29	70.2	.42
66	70.6	.38	65.0	.26	57.9	.31			64.6	.29	69.3	.41
65	69.4	.37	63.9	.26	57.1	.30			63.6	.28	68.3	.42
64	68.3	.34	62.8	.26	56.3	.30			62.6	.27	67.4	.40
63	67.1	.34	61.7	.25	55.5	.32			61.7	.25	66.4	.37
62	65.9	.33	60.6	.25	54.7	.32			60.7	.26	65.4	.37
61	64.7	.32	59.5	.25	53.9	.32			59.7	.26	64.5	.35
60	63.5	.32	58.4	.23	53.1	.32	91.2	.67	58.8	.25	63.5	.37
59	62.4	.29	57.2	.23	52.3	.32	89.6	.61	57.8	.23	62.6	.33
58	61.2	.28	56.1	.22	51.5	.32	88.0	.59	56.8	.22	61.6	.35
57	60.0	.28	55.0	.23	50.7	.32	86.4	.55	55.9	.20	60.6	.34
56	58.9	.27	53.9	.22	49.8	.34	84.8	.54	54.9	.19	59.7	.30
55	57.6	.28	52.8	.23	49.0	.34	83.2	.51	53.9	.20	58.7	.32
54	56.4	.27	51.7	.23	48.2	.34	81.6	.47	53.0	.17	57.8	.30
53	55.3	.22	50.6	.23	47.4	.34	80.0	.44	52.0	.17	56.8	.29
52	54.1	.22	49.5	.22	46.6	.37	78.4	.43	51.0	.16	55.8	.30
51	52.9	.21	48.4	.22	45.8	.37	76.8	.38	50.1	.17	54.9	.25
50	51.7	.21	47.2	.23	45.0	.37	75.2	.36	49.1	.16	53.9	.29
49	50.5	.18	46.1	.24	44.2	.37	73.6	.32	48.1	.16	53.0	.26
48	49.3	.23	45.0	.24	43.4	.37	72.0	.31	47.2	.13	52.0	.26
47	48.2	.15	43.9	.25	42.6	.37	70.4	.29	46.2	.14	51.0	.26
46	47.0	.16	42.8	.26	41.8	.39	68.8	.27	45.2	.14	50.1	.24
45	45.8	.17	41.7	.25	41.0	.39	67.2	.24	44.3	.11	49.1	.29
44	44.6	.18	40.6	.28	40.2	.39	65.6	.25	43.3	.13	48.2	.25
43	43.4	.18	39.5	.28	39.4	.39	64.0	.22	42.3	.13	47.2	.28
42	42.2	.20	38.4	.28	38.6	.40	62.4	.22	41.4	.11	46.2	.27
41	41.1	.13	37.2	.30	37.8	.40	60.8	.18	40.4	.12	45.3	.26
40	39.9	.15	36.1	.31	37.0	.42	59.2	.21	39.4	.14	44.3	.27
39	38.7	.18	35.0	.30	36.2	.43	57.6	.22	38.5	.11	43.4	.27
38	37.5	.18	33.9	.32	35.4	.44	56.0	.22	37.5	.13	42.4	.30
37	36.3	.21	32.8	.34	34.6	.44	54.4	.23	36.5	.12	41.4	.30
36	35.1	.25	31.7	.33	33.8	.44	52.8	.27	35.6	.13	40.5	.29

TABLE 2119. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	34.0	.16	30.6	.34	33.0	.45	51.2	.27	34.6	.15	39.5	.31
34	32.8	.18	29.5	.36	32.2	.45	49.6	.30	33.6	.12	38.6	.31
33	31.6	.23	28.3	.37	31.3	.49	48.0	.32	32.7	.15	37.6	.33
32	30.4	.24	27.2	.37	30.5	.50	46.4	.35	31.7	.16	36.6	.34
31	29.2	.24	26.1	.39	29.7	.52	44.8	.38	30.7	.15	35.7	.35
30	28.0	.27	25.0	.41	28.9	.52	43.2	.40	29.8	.16	34.7	.36
29	26.9	.23	23.9	.41	28.1	.54	41.6	.42	28.8	.18	33.8	.37
28	25.7	.23	22.8	.41	27.3	.54	40.0	.46	27.8	.15	32.8	.37
27	24.5	.28	21.7	.44	26.5	.57	38.4	.48	26.9	.19	31.8	.39
26	23.3	.30	20.6	.44	25.7	.59	36.8	.53	25.9	.20	30.9	.37
25	22.1	.33	19.5	.44	24.9	.59	35.2	.54	24.9	.18	29.9	.42
24	21.0	.27	18.3	.48	24.1	.59	33.6	.56	24.0	.21	29.0	.43
23	19.8	.27	17.2	.48	23.3	.60	32.0	.61	23.0	.22	28.0	.44
22	18.6	.34	16.1	.48	22.5	.60	30.4	.64	22.0	.24	27.0	.46
21	17.4	.34	15.0	.52	21.7	.60	28.8	.66	21.1	.24	26.1	.45
20	16.2	.35	13.9	.52	20.9	.60	27.2	.69	20.1	.25	25.1	.48
19	15.0	.39	12.8	.54	20.1	.63	25.6	.72	19.1	.26	24.1	.49
18	13.9	.36	11.7	.56	19.3	.63	24.0	.75	18.2	.28	23.2	.51
17	12.7	.38	10.6	.56	18.5	.65	22.4	.79	17.2	.28	22.2	.50
16	11.5	.40	9.5	.58	17.7	.65	20.8	.82	16.2	.26	21.3	.52
15	10.3	.42	8.3	.57	16.9	.67	19.2	.84	15.3	.28	20.3	.55
14	9.1	.44	7.2	.59	16.1	.68	17.6	.88	14.3	.30	19.3	.57
13	7.9	.47	6.1	.62	15.3	.70	16.0	.90	13.3	.31	18.4	.57
12	6.8	.43	5.0	.62	14.5	.71	14.4	.93	12.4	.31	17.4	.57
11	5.6	.46	3.9	.64	13.7	.71	12.8	.97	11.4	.33	16.5	.60
10	4.4	.48	2.8	.64	12.8	.76	11.2	1.00	10.5	.35	15.5	.59
9	3.2	.50	1.7	.64	12.0	.76	9.6	1.02	9.5	.37	14.5	.64
8	2.0	.52	.6	.69	11.2	.77	8.0	1.07	8.5	.37	13.6	.64
7	.8	.56	- .5	.68	10.4	.77	6.4	1.07	7.6	.38	12.6	.65
6	- .3	.51	- 1.7	.68	9.6	.81	4.8	1.14	6.6	.40	11.7	.68
5	- 1.5	.51	- 2.8	.72	8.8	.81	3.2	1.15	5.6	.37	10.7	.67
4	- 2.7	.57	- 3.9	.72	8.0	.83	1.6	1.18	4.7	.41	9.7	.72
3	- 3.9	.57	- 5.0	.72	7.2	.83	.0	1.22	3.7	.40	8.8	.68
2	- 5.1	.59	- 6.1	.74	6.4	.83	- 1.6	1.25	2.7	.40	7.8	.73
1	- 6.3	.61	- 7.2	.76	5.6	.84	- 3.2	1.29	1.8	.44	6.9	.73
0	- 7.4	.58	- 8.3	.76	4.8	.87	- 4.8	1.32	.8	.45	5.9	.75

TABLE 2120. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					95.3	.08						
116					94.8	.30						
115					94.2	.38						
114					93.7	.28						
113					93.2	.22						
112					92.6	.22					94.7	.44
111					92.1	.20					94.3	.69
110					91.6	.25					94.0	.83
109					91.0	.28					93.7	.93
108					90.3	.30					93.4	1.02
107					89.4	.31					93.1	1.04
106					88.5	.31					92.8	.88
105					87.7	.31					92.5	.75
104					86.9	.35					92.1	.64
103					86.2	.33					91.8	.52
102					85.5	.31					91.5	.41
101					84.8	.32					91.2	.30
100					84.1	.33					90.9	.29
99					83.4	.30					90.4	.32
98					82.6	.27					89.8	.33
97					81.8	.21					89.2	.37
96					81.0	.18					88.6	.35
95					80.2	.18					88.0	.34
94					79.4	.18					87.4	.32
93					78.6	.20					86.8	.34
92					77.8	.18					86.2	.37
91					77.0	.20					85.6	.39
90					76.2	.28			93.8	1.17	85.0	.41
89					75.4	.38			92.5	.70	84.5	.40
88					74.6	.41			91.1	.39	84.0	.40
87					73.9	.42			89.5	.28	83.5	.34
86					73.2	.42			87.9	.32	83.0	.30
85			94.0	1.01	72.5	.42			86.4	.46	82.4	.28
84			92.9	.72	71.8	.43			84.9	.50	81.8	.22
83			91.9	.43	71.1	.45			83.4	.50	81.1	.19
82	93.7	.26	90.8	.43	70.3	.42			81.9	.51	80.5	.12
81	92.2	.19	89.1	.55	69.6	43			80.5	.49	79.9	.13
80	90.7	.42	87.3	.49	68.9	.45			79.0	.48	79.2	.11
79	88.9	.40	85.5	.46	68.1	.36			77.7	.37	78.6	.09
78	87.3	.40	83.7	.52	67.5	.30			76.4	.38	78.0	.14
77	85.8	.45	81.8	.51	66.8	23			75.2	.42	77.4	.14

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	84.3	.55	80.0	.44	66.1	.17			74.1	.41	76.9	.14
75	82.8	.54	78.1	.40	65.4	.21			73.0	.40	76.3	.16
74	81.5	.47	76.6	.41	64.7	.29			71.9	.38	75.7	.20
73	80.1	.46	75.0	.44	63.9	.30			70.7	.43	75.2	.22
72	78.7	.43	73.4	.37	63.1	.37			69.5	.39	74.6	.25
71	77.4	.42	71.7	.31	62.3	.42			68.2	.37	74.0	.25
70	76.2	.39	69.8	.31	61.4	.44			67.1	.32	73.3	.27
69	74.9	.39	67.9	.24	60.5	.50			66.1	.31	72.7	.27
68	73.6	.32	66.2	.30	59.6	.53			65.0	.33	72.1	.27
67	72.3	.31	64.7	.32	58.8	.54			64.2	.26	71.5	.31
66	70.9	.34	63.4	.34	58.0	.52			63.3	.27	70.8	.32
65	69.5	.32	62.0	.32	57.2	.53			62.5	.28	70.1	.34
64	68.1	.29	60.5	.37	56.5	.46			61.5	.32	69.4	.34
63	66.8	.31	59.0	.47	55.7	.41			60.4	.33	68.7	.36
62	65.5	.36	57.6	.52	55.0	.35			59.4	.23	68.1	.35
61	64.3	.39	56.2	.58	54.3	.30			58.4	.21	67.3	.29
60	63.2	.43	54.9	.58	53.6	.29	93.7	.26	57.3	.24	66.6	.23
59	62.0	.48	53.7	.51	53.0	.25	92.2	.20	56.2	.33	65.8	.22
58	60.7	.49	52.5	.46	52.3	.22	90.7	.43	55.3	.33	65.0	.26
57	59.3	.52	51.4	.41	51.6	.22	88.7	.30	54.6	.26	64.3	.28
56	57.8	.52	50.3	.43	51.0	.22	86.8	.20	53.8	.27	63.5	.28
55	56.3	.50	49.3	.43	50.3	.28	84.9	.15	53.1	.27	62.7	.32
54	55.0	.47	48.2	.38	49.6	.31	82.9	.35	52.2	.22	61.8	.34
53	53.8	.41	47.2	.42	48.9	.35	81.0	.29	51.4	.20	60.8	.36
52	52.6	.36	46.2	.46	48.1	.34	79.1	.28	50.4	.27	59.8	.43
51	51.5	.35	45.1	.54	47.4	.42	77.3	.25	49.6	.30	58.8	.42
50	50.3	.44	44.0	.63	46.6	.46	75.6	.25	48.7	.31	57.5	.47
49	49.1	.45	43.0	.66	45.8	.55	73.8	.30	47.8	.30	56.3	.48
48	47.9	.37	41.9	.59	45.0	.62	72.0	.34	46.9	.28	55.2	.48
47	46.7	.37	40.9	.61	44.2	.64	70.3	.36	46.0	.28	54.3	.39
46	45.5	.39	40.0	.60	43.4	.66	68.5	.36	45.2	.27	53.4	.38
45	44.3	.49	39.1	.56	42.5	.65	66.9	.20	44.3	.31	52.4	.39
44	43.1	.55	38.3	.57	41.6	.63	65.4	.17	43.4	.38	51.5	.45
43	41.9	.52	37.4	.55	40.7	.62	63.8	.20	42.6	.47	50.6	.48
42	40.8	.52	36.6	.57	39.8	.62	62.3	.26	41.7	.48	49.5	.47
41	39.7	.51	35.8	.51	38.9	.58	60.5	.28	40.9	.49	48.2	.51
40	38.6	.50	35.0	.48	38.0	.59	58.6	.39	40.0	.49	46.9	.56
39	37.5	.50	34.2	.48	37.1	.59	56.7	.39	39.1	.45	45.6	.62
38	36.4	.45	33.5	.50	36.0	.55	55.0	.32	38.2	.42	44.2	.68
37	35.2	.32	32.8	.50	34.9	.52	53.3	.25	37.4	.47	42.7	.69
36	34.1	.22	32.2	.50	33.[illegible]	.45	51.8	.21	36.4	.40	41.1	.61

TABLE 2120. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	33.1	.27	31.6	.48	32.8	.50	50.3	.27	35.5	.37	39.5	.56
34	32.2	.30	30.9	.52	31.8	.53	48.8	.29	34.6	.32	38.0	.47
33	[illegible]	.31	30.3	.53	30.8	.59	47.2	.39	33.7	.29	36.6	.44
32	30.5	.35	29.5	.55	29.8	.62	45.6	.53	[illegible]	.27	35.1	.48
31	29.7	.29	28.8	.56	28.7	.64	44.0	.66	[illegible]	.28	33.6	.51
30	28.9	.26	28.0	.52	27.7	.62	42.4	.69	31.0	.31	32.3	.57
29	28.1	[illegible]	27.3	.51	26.7	.57	40.8	.66	30.1	.28	31.0	.63
28	27.4	.39	26.5	.51	25.8	.55	39.2	.66	29.1	.31	29.8	.61
27	26.5	.36	25.7	.51	24.9	.57	37.6	.66	28.0	.33	28.6	.58
26	25.7	.39	24.9	.55	24.0	.62	36.0	.52	27.0	.40	27.4	.50
25	24.8	.41	24.1	.64	23.1	.65	34.3	.51	26.0	.43	26.4	[illegible]
24	24.0	.49	23.3	[illegible]	21.9	.83	32.8	.50	24.9	.51	25.4	.52
23	23.1	.61	[illegible]	.76	20.8	.88	31.4	.53	23.9	.62	24.5	.56
22	22.2	.64	[illegible]	.78	20.0	.87	30.1	.53	22.8	.74	23.5	.62
21	21.1	.65	20.9	.84	19.2	.85	28.9	.54	21.6	.78	22.5	.63
20	20.1	.61	19.9	.82	18.5	.89	27.7	.58	20.3	.85	21.5	.59
19	19.1	.54	18.9	.77	17.9	[illegible]	26.5	.64	19.0	.84	20.4	.60
18	18.2	.46	18.0	[illegible]	17.3	.89	25.5	.65	18.0	.89	19.3	.59
17	17.3	.46	17.0	.67	16.6	1.05	24.4	.71	17.0	1.19	18.4	.64
16	16.2	.69	16.0	.96	15.8	1.29	23.3	.75	15.8	1.37	17.5	.73
15	15.1	.83	15.1	1.03	15.1	1.51	21.8	.79	14.7	1.39	16.7	.82
14	14.2	.74	14.3	1.07	14.4	1.78	20.4	.70	13.9	1.50	16.0	.98
13	13.3	.62	13.6	1.14	13.7	2.16	19.0	.61	13.1	1.72	15.3	1.08
12	12.3	.53	12.9	1.31	[illegible]	2.60	17.7	.58	12.3	2.03	14.3	1.06
11	11.4	.43	12.2	1.46	12.3	3.05	16.1	.71	11.5	2.39	13.1	.94
10	10.5	.38	11.5	1.66	11.6	3.51	14.5	.68	10.7	2.80	12.0	.90
9	9.6	.37	10.8	1.89	10.8	3.91	13.1	.53	9.9	3.19	10.8	.92
8	8.7	.44	10.1	2.09	10.1	4.37	11.7	.39	9.1	3.63	9.6	1.04
7	7.8	.48	9.4	2.33	9.4	4.73	10.3	.30	8.3	4.04	8.4	1.20
6	6.9	.59	8.7	2.55	8.7	4.46	9.0	.33	7.5	4.51	7.3	1.39
5	6.0	.71	8.0	2.80	8.0	4.15	7.6	.41	6.7	4.86	6.1	1.63
4	5.0	.87	7.3	3.03	7.3	3.85	6.2	.57	5.9	4.93	4.9	1.90
3	4.1	1.00	6.6	3.29	6.6	3.55	4.8	.71	5.1	4.83	3.7	2.12
2	3.2	1.13	5.9	3.52	5.9	3.29	3.4	.89	4.3	4.28	2.6	2.08
1	2.3	1.24	5.1	3.69	5.1	2.98	2.0	1.08	3.5	3.50	1.4	2.19
0	1.4	1.37	4.4	3.75	4.4	2.77	.7	1.21	2.7	2.70	.2	2.38

TABLE 2121. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 3. LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					98.3	.94						
116					97.5	.93						
115					96.7	.92						
114					95.9	.92						
113					95.1	.92						
112					94.3	.91					113.5	1.81
111					93.5	.91					112.6	1.79
110					92.7	.91					111.6	1.76
109					91.9	.91					110.7	1.76
108					91.1	.91					109.7	1.73
107					90.3	.91					108.8	1.70
106					89.5	.91					107.8	1.71
105					88.7	.91					106.9	1.68
104					87.9	.91					105.9	1.66
103					87.1	.91					105.0	1.63
102					86.3	.91					104.0	1.64
101					85.5	.91					103.1	1.60
100					84.7	.91					102.1	1.60
99					83.9	.91					101.2	1.58
98					83.1	.91					100.2	1.57
97					82.3	.91					99.3	1.53
96					81.5	.91					98.3	1.52
95					80.7	.91					97.4	1.51
94					79.9	.91					96.4	1.49
93					79.1	.91					95.5	1.48
92					78.3	.91					94.5	1.47
91					77.5	.92					93.5	1.44
90					76.7	.92			87.8	1.02	92.6	1.45
89					75.9	.92			86.8	1.00	91.6	1.41
88					75.1	.92			85.9	1.02	90.7	1.41
87					74.3	.92			84.9	1.02	89.7	1.39
86					73.5	.91			84.0	1.02	88.8	1.37
85			86.1	1.00	72.7	.91			83.0	1.02	87.8	1.36
84			85.0	1.02	71.9	.91			82.1	1.04	86.9	1.34
83			83.9	1.04	71.1	.91			81.1	1.04	85.9	1.36
82	88.7	.76	82.8	1.03	70.3	.91			80.2	1.04	85.0	1.31
81	87.5	.78	81.7	1.09	69.5	.91			79.2	1.06	84.0	1.32
80	86.3	.78	80.6	1.09	68.7	.91			78.3	1.04	83.1	1.29
79	85.1	.80	79.4	1.10	67.9	.91			77.3	1.06	82.1	1.28
78	83.9	.78	78.3	1.12	67.1	.93			76.4	1.06	81.2	1.26
77	82.7	.80	77.2	1.12	66.3	.93			75.4	1.08	80.2	1.26

TABLE 2121. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 3, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	81.5	.80	76.1	1.13	65.5	.93			74.5	1.08	79.3	1.22
75	80.3	.81	75.0	1.17	64.7	.93			73.5	1.09	78.3	1.21
74	79.1	.82	73.9	1.19	63.9	.93			72.6	1.10	77.4	1.21
73	77.9	.84	72.8	1.21	63.1	.93			71.6	1.10	76.4	1.19
72	76.7	.86	71.7	1.21	62.3	.93			70.7	1.12	75.5	1.18
71	75.5	.87	70.6	1.23	61.5	.93			69.7	1.10	74.5	1.18
70	74.3	.87	69.5	1.25	60.7	.93			68.8	1.12	73.6	1.17
69	73.1	.90	68.4	1.29	59.9	.92			67.8	1.13	72.6	1.14
68	71.9	.91	67.3	1.28	59.1	.92			66.9	1.14	71.7	1.13
67	70.7	.91	66.2	1.31	58.3	.92			65.9	1.17	70.7	1.13
66	69.5	.91	65.1	1.34	57.5	.92			65.0	1.16	69.7	1.09
65	68.3	.95	64.0	1.36	56.7	.92			64.0	1.17	68.8	1.12
64	67.1	.95	62.9	1.38	55.9	.94			63.1	1.17	67.8	1.10
63	65.8	.97	61.8	1.41	55.1	.94			62.1	1.20	66.9	1.08
62	64.6	1.00	60.7	1.45	54.3	.94			61.2	1.21	65.9	1.09
61	63.4	1.01	59.6	1.45	53.5	.95			60.2	1.21	65.0	1.07
60	62.2	1.01	58.5	1.48	52.7	.93	90.3	.88	59.2	1.25	64.0	1.07
59	61.0	1.03	57.4	1.51	51.8	.90	88.7	.83	58.3	1.22	63.1	1.06
58	59.8	1.05	56.3	1.51	51.0	.90	87.0	.83	57.3	1.25	62.1	1.04
57	58.6	1.06	55.2	1.57	50.2	.90	85.4	.85	56.4	1.26	61.2	1.02
56	57.4	1.08	54.0	1.57	49.4	.89	83.8	.85	55.4	1.26	60.2	1.03
55	56.2	1.09	52.9	1.58	48.6	.90	82.2	.84	54.5	1.26	59.3	1.02
54	55.0	1.09	51.8	1.63	47.8	.90	80.6	.83	53.5	1.29	58.3	1.02
53	53.8	1.09	50.7	1.63	47.0	.90	78.9	.83	52.6	1.28	57.4	1.00
52	52.6	1.15	49.6	1.68	46.2	.90	77.3	.84	51.6	1.31	56.4	1.01
51	51.4	1.15	48.5	1.70	45.4	.91	75.7	.85	50.7	1.32	55.5	.99
50	50.2	1.15	47.4	1.70	44.6	.91	74.1	.85	49.7	1.32	54.5	.99
49	49.0	1.18	46.3	1.76	43.8	.92	72.4	.84	48.8	1.36	53.6	.99
48	47.8	1.19	45.2	1.76	43.0	.92	70.8	.85	47.8	1.36	52.6	.97
47	46.6	1.19	44.1	1.79	42.2	.92	69.2	.87	46.9	1.38	51.7	.97
46	45.4	1.21	43.0	1.84	41.4	.92	67.6	.87	45.9	1.38	50.7	.97
45	44.2	1.22	41.9	1.84	40.6	.92	65.9	.89	45.0	1.40	49.8	.96
44	43.0	1.24	40.8	1.88	39.8	.92	64.3	.87	44.0	1.41	48.8	.96
43	41.8	1.26	39.7	1.90	39.0	.92	62.7	.85	43.1	1.43	47.9	.98
42	40.6	1.27	38.6	1.93	38.2	.93	61.1	.89	42.1	1.45	46.9	.96
41	39.4	1.27	37.5	1.95	37.4	.93	59.4	.90	41.2	1.44	45.9	.96
40	38.2	1.29	36.4	1.97	36.6	.93	57.8	.91	40.2	1.45	45.0	.96
39	37.0	1.33	35.3	2.01	35.8	.93	56.2	.92	39.3	1.46	44.0	.97
38	35.8	1.33	34.2	2.04	35.0	.95	54.6	.90	38.3	1.48	43.1	.94
37	34.5	1.36	33.1	2.06	34.2	.95	52.9	.93	37.4	1.51	42.1	.97
36	33.3	1.41	32.0	2.10	33.4	.95	51.3	.95	36.4	1.51	41.2	.96

TABLE 2121. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE, FORM F, TOTAL READING TEST

PROCEDURE 3, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	32.1	1.41	30.9	2.12	32.6	.96	49.7	.95	35.5	1.51	40.2	.94
34	30.9	1.41	29.8	2.15	31.8	.94	48.1	.97	34.5	1.54	39.3	.97
33	29.7	1.43	28.6	2.18	31.0	.94	46.4	.98	33.6	1.55	38.3	.95
32	28.5	1.47	27.5	2.19	30.2	.94	44.8	.99	32.6	1.57	37.4	.97
31	27.3	1.48	26.4	2.23	29.4	.94	43.2	1.01	31.7	1.59	36.4	.97
30	26.1	1.50	25.3	2.24	28.6	.94	41.6	1.02	30.7	1.58	35.5	.96
29	24.9	1.51	24.2	2.27	27.8	.95	39.9	1.04	29.8	1.59	34.5	.98
28	23.7	1.53	23.1	2.31	27.0	.95	38.3	1.03	28.8	1.63	33.6	.98
27	22.5	1.53	22.0	2.34	26.2	.95	36.7	1.04	27.9	1.62	32.6	.99
26	21.3	1.57	20.9	2.36	25.4	.94	35.1	1.06	26.9	1.66	31.7	.99
25	20.1	1.57	19.8	2.38	24.6	.94	33.4	1.08	26.0	1.65	30.7	1.00
24	18.9	1.59	18.7	2.40	23.8	.96	31.8	1.09	25.0	1.66	29.8	1.02
23	17.7	1.62	17.6	2.43	23.0	.96	30.2	1.12	24.1	1.66	28.8	.99
22	16.5	1.63	16.5	2.45	22.2	.97	28.6	1.13	23.1	1.70	27.9	1.01
21	15.3	1.63	15.4	2.50	21.4	.97	26.9	1.13	22.2	1.73	26.9	1.03
20	14.1	1.66	14.3	2.53	20.6	.97	25.3	1.17	21.2	1.71	26.0	1.04
19	12.9	1.69	13.2	2.56	19.8	.98	23.7	1.18	20.3	1.76	25.0	1.03
18	11.7	1.69	12.1	2.57	19.0	.98	22.1	1.20	19.3	1.73	24.1	1.08
17	10.5	1.71	11.0	2.61	18.2	.98	20.5	1.22	18.4	1.78	23.1	1.04
16	9.3	1.74	9.9	2.65	17.4	1.00	18.8	1.23	17.4	1.78	22.1	1.06
15	8.1	1.74	8.8	2.69	16.6	1.00	17.2	1.24	16.5	1.79	21.2	1.06
14	6.9	1.74	7.7	2.71	15.8	1.00	15.6	1.27	15.5	1.80	20.2	1.09
13	5.7	1.78	6.6	2.71	15.0	1.00	14.0	1.29	14.6	1.84	19.3	1.09
12	4.5	1.79	5.5	2.77	14.2	1.00	12.3	1.27	13.6	1.84	18.3	1.08
11	3.2	1.84	4.4	2.78	13.4	1.01	10.7	1.30	12.7	1.86	17.4	1.11
10	2.0	1.88	3.2	2.82	12.6	1.01	9.1	1.33	11.7	1.87	16.4	1.11
9	.8	1.88	2.1	2.84	11.8	1.03	7.5	1.36	10.8	1.88	15.5	1.14
8	- .4	1.88	1.0	2.85	11.0	1.03	5.8	1.37	9.8	1.90	14.5	1.14
7	- 1.6	1.91	- .1	2.90	10.2	1.03	4.2	1.40	8.9	1.91	13.6	1.15
6	- 2.8	1.92	- 1.2	2.91	9.4	1.04	2.6	1.40	7.9	1.93	12.6	1.16
5	- 4.0	1.93	- 2.3	2.94	8.6	1.04	1.0	1.42	7.0	1.93	11.7	1.16
4	- 5.2	1.95	- 3.4	2.99	7.8	1.04	- .7	1.45	6.0	1.97	10.7	1.18
3	- 6.4	1.99	- 4.5	2.99	7.0	1.04	- 2.3	1.46	5.1	1.97	9.8	1.23
2	- 7.6	1.99	- 5.6	3.06	6.2	1.05	- 3.9	1.49	4.1	2.00	8.8	1.20
1	- 8.8	1.99	- 6.7	3.06	5.4	1.05	- 5.5	1.49	3.2	2.01	7.9	1.23
0	- 10.0	2.02	- 7.8	3.09	4.6	1.05	- 7.2	1.51	2.2	2.00	6.9	1.24

TABLE 2122. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 3, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					95.4	.04						
116					95.4	.42						
115					94.8	.44						
114					94.2	.43						
113					93.5	.35						
112					92.8	.32					94.7	.42
111					92.1	.29					94.3	.58
110					91.4	.30					94.0	.54
109					90.7	.37					93.7	.46
108					89.9	.30					93.3	.47
107					89.0	.25					93.0	.42
106					88.3	.23					92.7	.37
105					87.5	.25					92.3	.36
104					86.7	.29					92.0	.33
103					86.0	.35					91.6	.35
102					85.3	.42					91.3	.34
101					84.7	.45					91.0	.33
100					84.0	.48					90.6	.33
99					83.3	.53					90.2	.35
98					82.5	.58					89.7	.36
97					81.7	.58					89.3	.36
96					80.9	.58					88.8	.41
95					80.1	.63					88.2	.45
94					79.2	.62					87.7	.47
93					78.4	.70					87.2	.51
92					77.6	.71					86.6	.56
91					76.8	.75					86.0	.65
90					75.9	.74			93.8	.29	85.4	.66
89					75.1	.74			92.5	.24	84.9	.69
88					74.4	.78			91.1	.31	84.5	.70
87					73.6	.80			89.7	.22	84.0	.74
86					72.9	.85			88.2	.24	83.5	.76
85			93.9	.29	72.2	.90			86.6	.39	82.9	.81
84			92.7	.18	71.4	.89			85.0	.45	82.3	.84
83			91.5	.19	70.7	.94			83.5	.50	81.7	.83
82	93.6	.30	90.1	.28	69.9	.96			82.0	.57	81.0	.84
81	91.8	.29	88.4	.48	69.1	94			80.5	.69	80.4	.84
80	90.2	.30	86.7	.61	68.4	.95			79.0	.79	79.8	.85
79	88.6	.24	85.1	.68	67.6	.97			77.7	.84	79.2	.88
78	86.9	.32	83.4	.83	66.9	.95			76.4	.92	78.6	.88
77	85.4	.40	81.5	.94	66.2	99			75.2	1.02	78.0	.88

TABLE 2122. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 3, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	83.9	.48	79.7	1.03	65.5	1.03			74.0	1.06	77.4	.89
75	82.5	.52	77.9	1.01	64.8	1.08			72.9	1.08	76.9	.87
74	81.0	.52	76.3	1.07	64.0	1.08			71.7	1.11	76.3	.90
73	79.5	.55	74.6	1.15	63.2	1.08			70.6	1.11	75.8	.91
72	78.0	.55	73.0	1.27	62.4	1.13			69.5	1.13	75.2	.90
71	76.7	.60	71.3	1.38	61.6	1.13			68.4	1.15	74.6	.93
70	75.3	.65	69.6	1.45	60.8	1.12			67.4	1.19	74.0	.94
69	74.0	.69	67.9	1.53	60.0	1.16			66.3	1.25	73.3	.90
68	72.6	.73	66.3	1.64	59.2	1.14			65.3	1.32	72.7	.94
67	71.2	.76	64.8	1.71	58.4	1.13			64.4	1.35	72.0	.96
66	69.7	.86	63.3	1.84	57.7	1.13			63.4	1.42	71.3	.99
65	68.2	.98	61.9	2.00	57.0	1.11			62.5	1.46	70.6	1.04
64	66.9	1.04	60.5	2.01	56.2	1.06			61.6	1.49	69.9	1.04
63	65.6	1.09	59.1	1.96	55.6	1.05			60.7	1.55	69.1	1.04
62	64.3	1.14	57.0	1.92	54.9	1.08			59.7	1.58	68.3	1.05
61	63.0	1.20	56.5	1.87	54.3	1.11			58.8	1.60	67.6	1.05
60	61.7	1.26	55.3	1.87	53.6	1.11	93.7	.26	57.9	1.60	66.8	1.05
59	60.3	1.35	54.2	1.90	53.0	1.12	92.1	.24	57.1	1.61	66.0	1.05
58	59.0	1.41	53.1	1.97	52.3	1.14	90.4	.37	56.2	1.57	65.3	1.05
57	57.6	1.43	52.0	2.03	51.6	1.19	88.4	.18	55.4	1.55	64.5	1.08
56	56.1	1.44	50.8	2.10	50.9	1.25	86.5	.18	54.6	1.55	63.7	1.12
55	54.9	1.38	49.8	2.19	50.2	1.29	84.5	.30	53.8	1.52	62.8	1.16
54	53.6	1.36	48.7	2.22	49.5	1.34	82.6	.45	53.0	1.58	62.0	1.20
53	52.3	1.41	47.6	2.27	48.7	1.34	80.5	.53	52.2	1.63	61.0	1.23
52	51.1	1.50	46.6	2.31	48.0	1.37	78.4	.64	51.3	1.71	60.0	1.30
51	49.9	1.57	45.5	2.32	47.2	1.38	76.6	.70	50.5	1.77	59.0	1.28
50	48.6	1.63	44.4	2.32	46.4	1.38	74.8	.76	49.6	1.81	58.0	1.24
49	47.3	1.70	43.4	2.29	45.6	1.38	72.9	.84	48.8	1.84	56.9	1.18
48	46.0	1.77	42.4	2.27	44.8	1.39	70.9	.93	47.9	1.83	55.9	1.09
47	44.7	1.84	41.4	2.25	43.9	1.39	69.0	.99	47.0	1.92	54.9	1.05
46	43.5	1.85	40.4	2.23	43.0	1.36	67.1	1.04	46.1	1.96	53.9	1.02
45	42.2	1.88	39.6	2.23	42.1	1.33	65.4	1.03	45.3	1.97	52.9	.99
44	41.0	1.87	38.7	2.23	41.2	1.35	63.7	1.05	44.4	1.98	51.9	1.02
43	39.8	1.85	37.8	2.17	40.3	1.30	62.0	1.05	43.5	1.98	50.8	1.06
42	38.6	1.85	37.0	2.12	39.4	1.30	60.2	1.12	42.6	1.98	49.7	1.10
41	37.4	1.85	36.2	2.05	38.5	1.30	58.4	1.15	41.7	1.95	48.6	1.13
40	36.4	1.78	35.4	1.96	37.6	1.32	56.8	1.10	40.8	1.91	47.4	1.18
39	35.5	1.67	34.6	1.86	36.6	1.24	55.2	1.06	39.9	1.90	46.1	1.17
38	34.5	1.56	33.8	1.76	35.5	1.14	53.5	1.11	39.0	1.90	44.9	1.24
37	33.5	1.46	33.1	1.64	34.4	1.06	51.9	1.17	38.2	1.91	43.5	1.22
36	32.6	1.35	32.4	1.58	33.4	96	50.2	1.26	37.3	1.90	42.1	1.20

TABLE 2122. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

PROCEDURE 3, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR.	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	31.6	1.29	31.7	1.50	32.4	.85	48.5	1.32	36.3	1.82	40.7	1.18
34	30.7	1.21	31.0	1.44	31.5	.82	46.8	1.37	35.4	1.72	39.2	1.13
33	29.9	1.11	30.3	1.39	30.5	.75	45.2	1.36	34.4	1.62	37.7	1.18
32	29.1	1.03	29.6	1.33	29.4	.67	43.6	1.39	33.4	1.57	36.3	1.18
31	28.3	.92	28.9	1.25	28.2	.53	41.8	1.39	32.5	1.50	34.9	1.11
30	27.5	.86	28.1	1.20	27.1	.48	40.1	1.35	31.5	1.41	33.5	1.03
29	26.7	.84	27.4	1.18	26.1	.43	38.5	1.33	30.6	1.36	32.1	.95
28	26.0	.79	26.6	1.18	25.2	.46	37.0	1.28	29.6	1.28	30.7	.86
27	25.2	.80	25.8	1.25	24.2	.44	35.5	1.21	28.5	1.20	29.5	.81
26	24.5	.78	25.0	1.27	23.2	.40	34.0	1.13	27.5	1.09	28.3	.74
25	23.7	.78	24.2	1.29	22.1	.35	32.8	1.03	26.5	1.05	27.1	.70
24	22.9	.78	23.4	1.30	21.2	.36	31.5	.96	25.5	1.06	26.1	.69
23	22.0	.83	22.6	1.32	20.3	.38	30.3	.88	24.4	1.06	25.1	.67
22	21.1	.82	21.7	1.31	19.6	.32	29.1	.86	23.4	1.06	24.1	.70
21	20.1	.77	20.8	1.28	18.8	.39	28.0	.81	22.2	1.06	23.1	.70
20	19.2	.68	19.9	1.27	18.1	.43	26.9	.84	21.1	1.00	22.0	.67
19	18.2	.71	18.9	1.30	17.4	.45	25.7	.83	19.9	.96	21.0	.68
18	17.3	.75	17.9	1.39	16.7	.51	24.6	.88	18.8	.94	20.0	.65
17	16.2	.85	16.9	1.68	16.0	.59	23.4	.92	17.7	1.02	19.0	.66
16	15.0	1.03	15.8	1.92	15.4	.67	22.1	.91	16.7	1.20	18.1	.75
15	13.7	.98	14.6	2.02	14.7	.64	20.8	.88	15.6	1.41	17.2	.86
14	12.3	.89	13.5	2.02	13.6	.78	19.4	.85	14.4	1.55	16.3	1.05
13	11.0	.79	12.4	2.08	12.5	.98	18.0	.88	12.9	1.47	15.4	1.34
12	9.6	.69	11.2	2.15	11.3	1.18	16.6	1.00	11.3	1.38	14.3	1.59
11	8.3	.61	10.1	2.33	10.2	1.43	14.9	1.19	9.7	1.24	13.1	1.60
10	6.9	.52	9.0	2.59	9.1	1.69	13.1	1.17	8.2	1.17	11.8	1.68
9	5.6	.42	7.9	2.87	8.0	2.01	11.3	1.14	6.6	1.06	10.5	1.80
8	4.2	.33	6.8	3.18	6.8	2.22	9.5	1.12	5.0	.96	9.2	2.00
7	2.9	.24	5.7	3.52	5.7	2.55	7.7	1.13	3.4	.87	7.9	2.19
6	1.5	.13	4.5	3.33	4.6	2.85	5.9	1.18	1.9	.84	6.6	2.47
5	.2	.05	3.4	2.80	3.4	2.38	4.0	1.18	.3	.16	5.3	2.73
4	.0	.00	2.3	2.24	2.3	1.63	2.2	1.25	.0	.00	4.0	2.71
3	.0	.00	1.2	1.20	1.2	.85	.4	.29	.0	.00	2.7	1.92
2	.0	.00	.1	.10	.1	.07	.0	.00	.0	.00	1.4	1.00
1	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.1	.09
0	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00

TABLE 2123. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

AVERAGE OF PROCEDURES 1 AND 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					98.8	.59						
116					98.0	.59						
115					97.2	.59						
114					96.4	.59						
113					95.6	.59						
112					94.8	.59					113.2	1.05
111					94.0	.56					112.2	1.02
110					93.2	.56					111.2	.99
109					92.4	.55					110.3	1.00
108					91.6	.55					109.3	.97
107					90.8	.53					108.4	.96
106					90.0	.52					107.4	.97
105					89.2	.51					106.5	.95
104					88.4	.51					105.6	.94
103					87.6	.51					104.6	.90
102					86.8	.51					103.7	.87
101					86.0	.51					102.7	.89
100					85.2	.49					101.7	.83
99					84.4	.47					100.8	.86
98					83.6	.46					99.8	.83
97					82.8	.48					98.9	.83
96					82.0	.47					97.9	.78
95					81.2	.45					97.0	.81
94					80.4	.45					96.0	.79
93					79.5	.43					95.1	.78
92					78.7	.42					94.2	.77
91					77.9	.42					93.2	.76
90					77.1	.42			87.6	.34	92.2	.73
89					76.3	.42			86.6	.36	91.3	.72
88					75.5	.40			85.6	.37	90.3	.70
87					74.7	.40			84.7	.34	89.4	.69
86					73.9	.38			83.7	.33	88.4	.70
85			86.1	.60	73.1	.37			82.8	.35	87.5	.68
84			84.9	.58	72.3	.37			81.8	.33	86.5	.65
83			83.3	.58	71.5	.33			80.9	.33	85.6	.65
82	89.9	.54	82.7	.54	70.7	.33			79.9	.33	84.6	.63
81	88.7	.52	81.6	.53	69.9	.33			79.0	.31	83.7	.62
80	87.5	.49	80.5	.53	69.1	.33			78.0	.31	82.7	.61
79	86.3	.47	79.4	.52	68.3	.33			77.0	.30	81.8	.59
78	85.1	.47	78.3	.52	67.5	.33			76.1	.31	80.8	.59
77	83.9	.45	77.1	.52	66.7	.32			75.1	.29	79.9	.59

TABLE 2123. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

AVERAGE OF PROCEDURES 1 AND 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	82.7	.44	76.0	.47	65.9	.32			74.1	.29	78.9	.55
75	81.5	.41	74.9	.45	65.1	.32			73.2	.28	78.0	.56
74	80.3	.42	73.8	.45	64.3	.32			72.2	.29	77.0	.52
73	79.1	.41	72.7	.45	63.5	.32			71.2	.29	76.1	.52
72	77.9	.40	71.6	.44	62.7	.31			70.3	.29	75.1	.52
71	76.7	.39	70.5	.44	61.9	.29			69.3	.27	74.2	.48
70	75.6	.36	69.4	.44	61.1	.29			68.4	.27	73.2	.50
69	74.4	.36	68.2	.43	60.3	.29			67.4	.27	72.3	.49
68	73.2	.35	67.1	.43	59.5	.29			66.4	.28	71.3	.47
67	72.0	.35	66.0	.42	58.7	.29			65.5	.28	70.3	.45
66	70.8	.34	64.9	.40	57.9	.26			64.5	.26	69.4	.44
65	69.6	.33	63.8	.40	57.1	.25			63.6	.25	68.4	.45
64	68.5	.31	62.7	.40	56.2	.27			62.6	.28	67.5	.44
63	67.3	.31	61.5	.39	55.4	.27			61.7	.25	66.6	.43
62	66.1	.31	60.4	.36	54.6	.27			60.7	.27	65.6	.41
61	64.9	.29	59.3	.34	53.8	.27			59.7	.26	64.7	.39
60	63.7	.29	58.2	.33	53.0	.27	91.5	.43	58.8	.25	63.7	.41
59	62.5	.29	57.1	.33	52.2	.26	89.9	.42	57.8	.28	62.8	.41
58	61.3	.30	55.9	.34	51.4	.27	88.3	.41	56.8	.27	61.8	.40
57	60.1	.32	54.8	.35	50.6	.27	86.6	.38	55.9	.27	60.8	.40
56	58.9	.30	53.7	.35	49.8	.27	85.0	.38	54.9	.27	59.9	.35
55	57.7	.31	52.6	.35	49.0	.27	83.4	.35	53.9	.30	58.9	.37
54	56.5	.30	51.5	.35	48.2	.24	81.8	.33	53.0	.27	58.0	.39
53	55.4	.27	50.4	.36	47.4	.24	80.2	.32	52.0	.28	57.0	.37
52	54.2	.28	49.3	.35	46.6	.24	78.5	.31	51.1	.27	56.1	.36
51	53.0	.28	48.2	.35	45.8	.24	76.9	.31	50.1	.30	55.2	.37
50	51.8	.28	47.0	.37	45.0	.24	75.3	.26	49.2	.29	54.2	.36
49	50.6	.27	45.9	.38	44.2	.24	73.7	.25	48.2	.31	53.3	.37
48	49.4	.29	44.8	.38	43.4	.24	72.1	.25	47.3	.29	52.3	.35
47	48.2	.30	43.7	.38	42.6	.23	70.4	.24	46.3	.30	51.3	.35
46	47.0	.32	42.6	.35	41.8	.24	68.8	.24	45.3	.30	50.4	.35
45	45.8	.32	41.5	.35	41.0	.25	67.2	.24	44.4	.30	49.4	.36
44	44.6	.34	40.4	.37	40.2	.25	65.6	.21	43.4	.30	48.5	.37
43	43.4	.36	39.2	.38	39.4	.25	63.9	.24	42.4	.34	47.5	.36
42	42.2	.36	38.1	.38	38.6	.26	62.3	.23	41.5	.32	46.6	.34
41	41.1	.30	37.0	.38	37.8	.26	60.7	.22	40.5	.34	45.6	.39
40	39.9	.32	35.9	.42	37.0	.26	59.1	.22	39.5	.36	44.7	.38
39	38.7	.34	34.8	.41	36.2	.27	57.5	.22	38.6	.34	43.8	.38
38	37.5	.37	33.6	.45	35.4	.26	55.8	.27	37.6	.35	42.8	.38
37	36.3	.36	32.5	.43	34.6	.26	54.2	.27	36.7	.35	41.8	.37
36	35.1	.40	31.4	.45	33.8	.27	52.6	.26	35.7	.36	40.9	.38

TABLE 2123. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

AVERAGE OF PROCEDURES 1 AND 2, LINEAR

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	34.0	.34	30.3	.45	32.9	.33	51.0	.27	34.7	.39	39.9	.40
34	32.8	.34	29.2	.46	32.1	.33	49.4	.25	33.8	.36	39.0	.41
33	31.6	.36	28.0	.48	31.3	.33	47.7	.32	32.8	.39	38.0	.43
32	30.4	.38	26.9	.48	30.5	.33	46.1	.32	31.9	.40	37.1	.43
31	29.2	.41	25.8	.51	29.7	.33	44.5	.31	30.9	.41	36.1	.44
30	28.0	.41	24.7	.51	28.9	.33	42.9	.33	30.0	.39	35.2	.44
29	26.8	.44	23.6	.50	28.1	.35	41.3	.33	29.0	.41	34.2	.47
28	25.6	.45	22.5	.52	27.3	.35	39.6	.40	28.0	.42	33.3	.44
27	24.4	.45	21.4	.52	26.5	.35	38.0	.39	27.1	.41	32.3	.47
26	23.2	.48	20.3	.53	25.7	.37	36.4	.40	26.1	.45	31.4	.46
25	22.0	.49	19.2	.55	24.9	.37	34.8	.41	25.1	.44	30.4	.51
24	20.9	.48	18.0	.50	24.1	.37	33.2	.41	24.2	.43	29.5	.49
23	19.7	.48	16.9	.58	23.3	.37	31.5	.50	23.2	.46	28.5	.49
22	18.5	.51	15.8	.59	22.5	.37	29.9	.48	22.2	.48	27.5	.54
21	17.3	.51	14.7	.61	21.7	.37	28.3	.48	21.3	.46	26.6	.52
20	16.1	.51	13.6	.62	20.9	.39	26.7	.48	20.3	.50	25.7	.55
19	14.9	.56	12.5	.63	20.1	.40	25.1	.50	19.4	.49	24.7	.55
18	13.7	.56	11.3	.66	19.3	.40	23.4	.55	18.4	.49	23.8	.57
17	12.5	.60	10.2	.69	18.5	.43	21.8	.59	17.5	.52	22.8	.56
16	11.3	.60	9.1	.69	17.7	.43	20.2	.59	16.5	.50	21.9	.57
15	10.1	.63	8.0	.67	16.9	.43	18.6	.60	15.5	.53	20.9	.61
14	8.9	.64	6.9	.70	16.1	.43	17.0	.60	14.6	.52	19.9	.62
13	7.8	.59	5.7	.74	15.3	.43	15.3	.65	13.6	.55	19.0	.64
12	6.6	.63	4.6	.73	14.5	.45	13.7	.69	12.7	.53	18.0	.64
11	5.4	.67	3.5	.75	13.7	.45	12.1	.70	11.7	.57	17.1	.65
10	4.2	.67	2.4	.74	12.8	.51	10.5	.70	10.8	.57	16.1	.69
9	3.0	.67	1.3	.77	12.0	.51	8.9	.69	9.8	.56	15.2	.68
8	1.8	.71	.2	.78	11.2	.52	7.2	.78	8.8	.59	14.3	.67
7	.6	.72	- .9	.80	10.4	.53	5.6	.78	7.9	.58	13.3	.71
6	- .5	.69	- 2.1	.81	9.6	.56	4.0	.78	6.9	.59	12.4	.70
5	- 1.7	.70	- 3.2	.84	8.8	.56	2.4	.78	5.9	.60	11.4	.71
4	- 2.9	.75	- 4.3	.84	8.0	.56	.8	.77	5.0	.61	10.4	.76
3	- 4.1	.75	- 5.4	.83	7.2	.56	- .9	.86	4.0	.61	9.5	.76
2	- 5.3	.75	- 6.5	.84	6.4	.56	- 2.5	.86	3.0	.65	8.5	.76
1	- 6.5	.78	- 7.6	.86	5.6	.56	- 4.1	.87	2.1	.61	7.6	.78
0	- 7.7	.79	- 8.7	.87	4.8	.57	- 5.7	.87	1.1	.66	6.6	.80

TABLE 2124. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
117					95.4	.04						
116					95.1	.18						
115					94.8	.29						
114					94.4	.37						
113					93.7	.35						
112					93.0	.30					95.1	.17
111					92.3	.32					94.9	.26
110					91.6	.34					94.6	.37
109					90.8	.41					94.2	.49
108					90.1	.31					93.8	.60
107					89.3	.25					93.4	.60
106					88.5	.17					93.0	.53
105					87.7	.20					92.6	.51
104					87.0	.23					92.1	.49
103					86.4	.25					91.7	.42
102					85.8	.24					91.3	.36
101					85.2	.27					91.0	.29
100					84.5	.31					90.7	.21
99					83.8	.31					90.2	.22
98					83.0	.35					89.8	.19
97					82.2	.35					89.3	.17
96					81.4	.34					88.7	.18
95					80.5	.33					88.2	.21
94					79.7	.32					87.7	.22
93					78.8	.31					87.1	.25
92					78.0	.30					86.6	.31
91					77.1	.29					86.0	.34
90					76.3	.27			94.3	.45	85.5	.36
89					75.4	.31			92.8	.30	85.0	.36
88					74.7	.32			91.2	.26	84.4	.36
87					73.9	.33			89.7	.18	83.9	.32
86					73.2	.32			88.1	.19	83.3	.35
85			94.4	.49	72.5	.30			86.7	.31	82.7	.32
84			93.1	.33	71.7	.33			85.2	.36	82.1	.35
83			91.8	.25	71.0	.36			83.6	.33	81.4	.33
82	94.1	.27	90.3	.27	70.2	.37			82.1	.31	80.8	.33
81	92.3	.29	88.6	.28	69.4	.40			80.7	.34	80.2	.33
80	90.7	.30	86.9	.25	68.7	.43			79.2	.34	79.5	.35
79	89.0	.20	85.2	.20	67.9	.37			77.8	.28	78.9	.30
78	87.5	.20	83.3	.21	67.2	.36			76.5	.30	78.3	.30
77	86.1	.23	81.5	.15	66.5	31			75.2	.36	77.7	.29

TABLE 2124. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
76	84.7	.28	79.7	.18	65.8	.27			74.0	.36	77.2	.28
75	83.2	.35	77.9	.20	65.1	.24			72.8	.32	76.6	.28
74	81.8	.30	76.2	.24	64.3	.25			71.6	.26	76.0	.24
73	80.4	.30	74.5	.27	63.6	.23			70.4	.31	75.4	.23
72	79.0	.29	72.8	.29	62.8	.22			69.2	.31	74.8	.24
71	77.7	.25	71.1	.27	62.0	.24			68.0	.35	74.2	.20
70	76.4	.29	69.3	.27	61.2	.25			67.0	.33	73.5	.20
69	75.0	.29	67.5	.27	60.4	.27			65.9	.34	72.9	.17
68	73.7	.27	65.9	.32	59.6	.29			64.8	.36	72.3	.19
67	72.3	.24	64.4	.36	58.9	.26			63.9	.35	71.6	.17
66	70.9	.26	63.0	.41	58.1	.30			62.9	.39	70.9	.19
65	69.6	.27	61.6	.43	57.4	.29			62.1	.36	70.1	.19
64	68.2	.29	60.2	.45	56.7	.26			61.1	.40	69.4	.23
63	67.0	.27	58.9	.5[illegible]	56.0	.25			60.1	.42	68.6	.25
62	65.7	.29	57.5	.51	55.3	.22			59.2	.34	67.9	.28
61	64.5	.34	56.2	.49	54.6	.26			58.3	.27	67.1	.26
60	63.3	.38	55.0	.47	53.9	.30	94.2	.28	57.3	.21	66.4	.24
59	62.1	.40	53.9	.42	53.3	.27	92.5	.30	56.3	.23	65.6	.22
58	60.8	.41	52.7	.42	52.6	.32	90.9	.43	55.4	.25	64.8	.21
57	59.4	.44	51.6	.42	51.9	.33	88.9	.21	54.7	.18	64.1	.25
56	57.9	.40	50.5	.45	51.2	.33	87.1	.16	53.9	.16	63.3	.30
55	56.5	.34	49.4	.47	50.5	.37	85.3	.09	53.1	.17	62.5	.33
54	55.2	.35	48.3	.46	49.8	.37	83.3	.26	52.2	.20	61.6	.36
53	54.0	.29	47.3	.46	49.1	.37	81.4	.28	51.4	.21	60.6	.43
52	52.9	.28	46.2	.46	48.4	.37	79.5	.31	50.5	.26	59.7	.50
51	51.8	.31	45.1	.46	47.6	.35	77.7	.32	49.6	.29	58.7	.50
50	50.6	.36	44.1	.52	46.8	.39	75.9	.30	48.8	.30	57.6	.49
49	49.4	.40	43.1	.55	46.1	.42	74.1	.27	47.9	.28	56.6	.42
48	48.2	.39	42.0	.55	45.3	.42	72.2	.31	47.0	.29	55.5	.41
47	47.0	.37	41.1	.63	44.4	.41	70.4	.29	46.1	.28	54.6	.32
46	45.7	.41	40.2	.66	43.6	.41	68.5	.27	45.2	.33	53.6	.30
45	44.5	.45	39.2	.64	42.7	.43	66.8	.26	44.3	.34	52.5	.32
44	43.2	.52	38.4	.67	41.8	.44	65.1	.28	43.5	.41	51.5	.33
43	42.0	.56	37.5	.66	40.9	.46	63.5	.31	42.7	.47	50.5	.40
42	40.9	.57	36.7	.63	40.0	.49	61.9	.33	41.8	.49	49.4	.38
41	39.8	.60	35.9	.59	39.1	.52	60.1	.34	41.0	.55	48.2	.38
40	38.7	.66	35.1	.52	38.1	.50	58.4	.33	40.1	.57	47.0	.40
39	37.6	.69	34.3	.49	37.1	.48	56.6	.33	39.2	.60	45.8	.44
38	36.6	.63	33.5	.47	36.0	.42	55.0	.29	38.3	.59	44.5	.45
37	35.4	.58	32.7	.47	34.9	.39	53.4	.18	37.5	.61	43.2	.47
36	34.4	.44	32.0	.46	33.8	.32	51.8	.24	36.5	.51	41.7	.48

TABLE 2124. ANCHOR TEST EQUATING STUDY: GRADE 5

ESTIMATES OF ERROR IN EQUATING THE TOTAL READING TESTS TO THE MAT (70 ED.) INTERMEDIATE , FORM F, TOTAL READING TEST

AVERAGE OF PROCEDURES 1 AND 2, EQUIPERCENTILE

	CAT (70 ED.) LEVEL 3 FORM A TOTAL READING		CTBS (68 ED.) LEVEL 2 FORM Q TOTAL READING		ITBS (71 ED.) LEVEL 11 FORM 5 TOTAL READING		STEP-II (69 ED.) LEVEL 4 FORM A TOTAL READING		SRA (71 ED.) BLUE FORM E TOTAL READING		SAT (64 ED.) INTERMEDIATE II FORM W TOTAL READING	
RAW SCORE	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR	MAT EQUIV.	ERROR
35	33.3	.44	31.3	.45	32.8	.30	50.2	.29	35.6	.49	40.3	.51
34	32.4	.37	30.6	.45	31.7	.37	48.6	.29	34.7	.46	38.9	.55
33	31.4	.42	29.9	.44	30.7	.30	47.0	.27	33.8	.41	37.5	.63
32	30.5	.38	29.1	.48	29.6	.28	45.3	.27	32.9	.38	36.0	.66
31	29.7	.29	28.4	.48	28.5	.27	43.7	.25	31.9	.39	34.6	.65
30	28.9	.24	27.7	.42	27.4	.31	42.0	.33	31.0	.38	33.2	.67
29	28.1	.24	26.9	.41	26.4	.26	40.4	.37	30.1	.36	31.9	.64
28	27.3	.26	26.1	.38	25.4	.28	38.8	.41	29.1	.32	30.5	.61
27	26.4	.30	25.4	.36	24.4	.32	37.3	.47	28.1	.31	29.3	.57
26	25.6	.27	24.6	.36	23.5	.29	35.7	.43	27.1	.36	28.1	.55
25	24.7	.29	23.8	.35	22.7	.31	34.1	.40	26.1	.38	27.0	.50
24	23.9	.32	23.0	.43	21.8	.37	32.7	.40	25.1	.41	26.0	.48
23	23.1	.33	22.3	.47	20.9	.39	31.3	.40	24.1	.44	25.0	.46
22	22.2	.42	21.5	.47	20.1	.41	30.0	.45	23.1	.48	23.9	.43
21	21.2	.41	20.6	.50	19.4	.42	28.9	.41	22.0	.52	22.9	.42
20	20.2	.38	19.6	.53	18.6	.45	27.7	.46	20.8	.53	21.9	.44
19	19.3	.36	18.6	.57	17.8	.50	26.4	.53	19.6	.53	20.8	.51
18	18.2	.37	17.6	.59	17.1	.48	25.3	.50	18.6	.59	19.8	.56
17	17.0	.45	16.6	.73	16.4	.45	24.1	.54	17.5	.78	18.9	.62
16	15.6	.63	15.4	.96	15.7	.49	22.8	.62	16.3	.92	17.9	.66
15	14.2	.70	14.3	1.06	15.0	.60	21.4	.69	15.1	1.01	16.9	.73
14	13.0	.64	13.3	1.31	14.3	.85	20.0	.70	14.1	1.10	16.0	.85
13	11.7	.61	12.3	1.65	13.3	1.07	18.2	.77	13.0	1.17	15.1	.98
12	10.4	.56	11.4	2.11	12.2	1.30	16.5	.90	11.8	1.25	14.0	1.11
11	9.1	.52	10.4	2.50	11.0	1.54	14.7	1.03	10.6	1.36	12.8	1.09
10	7.9	.48	9.5	2.79	9.9	1.86	13.1	1.10	9.4	1.52	11.6	1.09
9	6.6	.47	8.5	2.78	8.7	2.16	11.6	1.12	8.2	1.69	10.4	1.09
8	5.3	.47	7.5	2.51	7.6	2.40	10.1	1.16	7.1	1.99	9.2	1.11
7	4.1	.24	6.6	2.29	6.4	2.52	8.6	1.21	5.9	2.19	8.0	1.20
6	3.5	.28	5.6	1.96	5.3	2.47	7.1	1.32	4.7	2.42	6.8	1.28
5	3.0	.40	4.7	1.75	4.2	2.15	5.6	1.06	3.5	2.42	5.6	1.39
4	2.5	.48	3.7	1.51	3.7	1.95	4.1	.51	3.0	2.50	4.4	1.54
3	2.1	.48	3.3	1.62	3.3	1.78	2.6	.27	2.6	2.46	3.2	1.34
2	1.6	.58	3.0	1.79	3.0	1.68	1.7	.46	2.2	2.19	2.0	1.02
1	1.2	.58	2.6	1.87	2.6	1.51	1.0	.56	1.8	1.80	.8	1.06
0	.7	.71	2.2	1.85	2.2	1.38	.4	.59	1.4	1.40	.1	1.22

List of Tables of Correlations

Grade 5

	Table Numbers
Reading Vocabulary Subtests	
Observed Correlations	667
Averaged Correlations	668
Correlations Corrected for Attenuation	669
Averaged Correlations Corrected for Attenuation	670
Reading Comprehension Subtests	
Observed Correlations	671
Averaged Correlations	672
Correlations Corrected for Attenuation	673
Averaged Correlations Corrected for Attenuation	674
Total Reading Tests	
Observed Correlations	675
Averaged Correlations	676
Correlations Corrected for Attenuation	677
Averaged Correlations Corrected for Attenuation	678

Table 667: Observed Correlations for Reading Vocabulary Subtests at Grade 5

Test Administered Second (columns); Test Administered First (rows)

	CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT	.8918 / .8809	.8562	.8672	.8768	.8140	.8730	.8162
CTBS	.8684	.8847 / .8997	.8266	.8892	.7819	.8919	.7999
ITBS	.8532	.8452	.8612 / .8701	.8863	.8161	.8907	.8197
MAT	.8632	.8746	.9047	.8585 / .8920	.8119	.8802	.8307
STEP II	.8482	.8504	.8270	.8204	.8341 / .8247	.8690	.7542
SRA	.9045	.8887	.8988	.8963	.8605	.9087 / .8871	.8422
SAT	.8081	.8023	.8356	.8502	.7430	.7867	.8618 / .8302

Table 668: Observed Correlations for Reading Vocabulary Subtests at Grade 5 Averaged* over Orders of Administration

Test Administered First	Test Administered Second: CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT	0.8864	0.8624	0.8604	0.8702	0.8319	0.8898	0.8122
CTBS		0.8925	0.8362	0.8821	0.8191	0.8903	0.8011
ITBS			0.8657	0.8959	0.8216	0.8948	0.8278
MAT				0.8763	0.8162	0.8885	0.8407
STEP II					0.8294	0.8648	0.7487
SRA						0.8984	0.8163
SAT							0.9468

* Using Fisher's z transformation

ANCHOR TEST STUDY

Table 669: Correlations for Reading Vocabulary Subtests at Grade 5 Corrected for Attenuation

Test Administered First	Test Administered Second: CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT		0.9626	0.9899	0.9948	0.9493	0.9783	0.9421
CTBS	0.9763		0.9404	1.0000	0.9088	0.9960	0.9201
ITBS	0.9740	0.9616		1.0000	0.9631	1.0000	0.9574
MAT	0.9795	0.9890	1.0000		0.9523	0.9920	0.9643
STEP II	0.9892	0.9884	0.9760	0.9623		1.0000	0.9000
SRA	1.0000	0.9924	1.0000	1.0000	0.9968		0.9656
SAT	0.9327	0.9228	0.9759	0.9870	0.8866	0.9019	

Table 670: Averaged Correlations for Reading Vocabulary Subtests at Grade 5 Corrected for Attenuation

Test Administered First (rows) / Test Administered Second (columns)

	CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT		0.9696	0.9821	0.9873	0.9702	0.9971	0.9374
CTBS			0.9513	0.9975	0.9520	0.9942	0.9215
ITBS				1.0000	0.9696	1.0000	0.9669
MAT					0.9573	1.0000	0.9760
STEP II						1.0000	0.8933
SRA							0.9359
SAT							

ANCHOR TEST STUDY

Table 671: Observed Correlations for Reading Comprehension Subtests at Grade 5

Test Administered Second (columns); Test Administered First (rows)

	CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT	.8703 / .8554	.8104	.8192	.8405	.8057	.7962	.8101
CTBS	.8073	.8450 / .8900	.8203	.8406	.7786	.8486	.7979
ITBS	.8306	.8190	.8751 / .8618	.8933	.8390	.8750	.8536
MAT	.8290	.8138	.8833	.8532 / .8756	.8094	.8729	.8058
STEP II	.7618	.8340	.8653	.8363	.8444 / .8401	.8422	.8105
SRA	.8299	.8447	.8748	.8590	.8264	.8706 / .8418	.8308
SAT	.8061	.7974	.8600	.8419	.7865	.8028	.8583 / .8649

ANCHOR TEST STUDY

Table 672: Observed Correlations for Reading Comprehension Subtests at Grade 5 Averaged* over Orders of Administration

Test Administered First	Test Administered Second: CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT	0.8630	0.8088	0.8250	0.8348	0.7847	0.8137	0.8081
CTBS		0.8693	0.8197	0.8276	0.8081	0.8467	0.7976
ITBS			0.8686	0.8884	0.8549	0.8749	0.8569
MAT				0.8648	0.8233	0.8661	0.8247
STEP II					0.8423	0.8345	0.7988
SRA						0.8568	0.8173
SAT							0.8616

* Using Fisher's z transformation

ANCHOR TEST STUDY

Table 673: Correlations for Reading Comprehension Subtests

at Grade 5 Corrected for Attenuation

Test Administered Second (columns); Test Administered First (rows)

Test Administered First	CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT		0.9356	0.9461	0.9729	0.9450	0.9259	0.9394
CTBS	0.9320		0.9441	0.9695	0.9099	0.9833	0.9219
ITBS	0.9593	0.9425		1.0000	0.9809	1.0000	0.9368
MAT	0.9596	0.9385	1.0000		0.9484	1.0000	0.9335
STEP II	0.8935	0.9747	1.0000	0.9799		0.9914	0.9514
SRA	0.[illegible]551	0.9787	1.0000	0.9979	0.9727		0.9669
SAT	0.9349	0.9213	0.9941	0.9753	0.9232	0.9343	

Table 674: Averaged Correlations for Reading Comprehension Subtests at Grade 5 Corrected for Attenuation

Test Administered Second (columns); Test Administered First (rows)

	CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT		C.9338	0.9528	C.9663	0.9204	0.9463	0.9371
CTBS			C.9433	C.9545	0.9444	0.9810	0.9216
ITBS				1.CCCC	C.9995	1.0000	0.9905
MAT					0.9647	1.0000	0.9554
STEP II						C.9823	0.9377
SRA							0.9512
SAT							

Table 675: Observed Correlations for Total Reading Tests

at Grade 5

Test Administered Second (columns); Test Administered First (rows)

Test Administered First	CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT	.9286 / .9190	.8910	.9082	.9108	.8368	.8888	.8791
CTBS	.9022	.9154 / .9369	.8782	.9157	.8604	.9155	.8549
ITBS	.9094	.8790	.9213 / .9156	.9397	.8956	.9293	.8996
MAT	.9063	.9041	.9321	.9155 / .9335	.8829	.9257	.8715
STEP II	.8868	.9042	.9132	.8901	.9063 / .9026	.9210	.8492
SRA	.9238	.9192	.9275	.9316	.9121	.9331 / .9108	.8921
SAT	.8721	.8553	.9044	.9006	.8441	.8615	.9148 / .9122

Table 676: Observed Correlations for Total Reading Tests at Grade 5 Averaged* over Orders of Administration

Test Administered First	Test Administered Second: CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT	0.9239	0.8967	0.9088	0.9086	0.8368	0.9079	0.8757
CTBS		0.9269	0.8786	0.9101	0.8842	0.9174	0.8551
ITBS			0.9205	0.9360	0.9048	0.9284	0.9021
MAT				0.9250	0.8365	0.9287	0.8870
STEP II					0.9044	0.9166	0.8467
SRA						0.9227	0.8777
SAT							0.9135

* Using Fisher's z transformation

ANCHOR TEST STUDY

Table 677: Correlations for Total Reading Tests at Grade 5 Corrected for Attenuation

Test Administered First	Test Administered Second: CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT		0.9628	0.9849	0.9852	0.9701	0.9626	0.9569
CTBS	0.9749		0.9508	0.9889	0.9397	0.9900	0.9291
ITBS	0.9861	0.9516		1.0000	0.9816	1.0000	0.9811
MAT	0.9803	0.9764	1.0000		0.9652	1.0000	0.9481
STEP II	0.9701	0.9876	1.0000	0.9732		1.0000	0.9342
SRA	1.0000	0.9940	1.0000	1.0000	0.9984		0.9716
SAT	0.9493	0.9295	0.9863	0.9798	0.9287	0.9384	

Table 678: Averaged Correlations for Total Reading Tests at Grade 5 Corrected for Attenuation

Test Administered First	Test Administered Second: CAT	CTBS	ITBS	MAT	STEP II	SRA	SAT
CAT		0.9690	0.9855	0.9828	0.9701	0.9833	0.9532
CTBS			0.9512	0.9828	0.9658	0.9920	0.9293
ITBS				1.0000	0.9916	1.0000	0.9837
MAT					0.9692	1.0000	0.9649
STEP II						1.0000	0.9315
SRA							0.9560
SAT							